



All Appropriate Inquiries Rule: Reporting Requirements Checklist for Assessment Grant Recipients

WHAT IS "ALL APPROPRIATE INQUIRIES"?

"All appropriate inquiries," or AAI, is a process of evaluating a property's environmental conditions and assessing the likelihood of any contamination. Every Phase I assessment conducted with EPA Brownfields Assessment Grant funds **must** be conducted in compliance with the All Appropriate Inquiries Final Rule at 40 CFR Part 312. The All Appropriate Inquiries Final Rule provides that the ASTM E1527-05 standard is consistent with the requirements of the final rule and may be used to comply with the provisions of the rule. In addition, all appropriate inquiries must be conducted in compliance with the Final Rule or the ASTM standard to obtain certain protections from liability under the federal Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, aka Superfund).

WHAT ARE THE DOCUMENTATION REQUIREMENTS FOR ALL APPROPRIATE INQUIRIES?

The final rule requires that the results of an AAI investigation be documented in a written report. The specific reporting requirements for all appropriate inquiries are provided in 40 CFR §312.21 (*Results of Inquiry by an Environmental Professional*) and §312.31 of the final rule and in §12 of ASTM E1527-05. All AAI final reports **must**, at a minimum include the following:

1. An **opinion** as to whether the inquiry identified conditions indicative of releases or threatened releases of hazardous substances, and as applicable, pollutants and contaminants, petroleum or petroleum products, or controlled substances, on, at, in, or to the subject property.
 2. An identification of "**significant**" **data gaps** (as defined in §312.10 of AAI final rule and §12.7 of ASTM E1527-05), if any, in the information collected for the inquiry. Significant data gaps include missing or unattainable information that affects the ability of the environmental professional to identify conditions indicative of releases or threatened releases of hazardous substances, and as applicable, pollutants and contaminants, petroleum or petroleum products, or controlled substances, on, at, in, or to the subject property. The documentation of significant data gaps must include information regarding the significance of these data gaps.
 3. **Qualifications and signature** of the environmental professional(s). The environmental professional must place the following statements in the document and sign the document:
 - "[I, We] declare that, to the best of [my, our] professional knowledge and belief, [I, we] meet the definition of Environmental Professional as defined in §312.10 of this part."
 - "[I, We] have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. [I, We] have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312."
- Note: Please use either "I" or "We."**
4. In compliance with §312.31(b) of the AAI final rule and §12.6.1 of ASTM E1527-05, the environmental professional must include in the final report an **opinion regarding additional appropriate investigation**, if the environmental professional has such an opinion.

For each Phase I Environmental Site Assessment, or AAI, conducted using EPA Brownfields Grant monies, the grantee must complete, sign, date, and submit the following check list with any AAI reports submitted to EPA.

Also see U.S. EPA's website at www.epa.gov/brownfields for additional information.

Checklist for Phase I Site Assessments Conducted using EPA Brownfields Assessment Grant Funds

Contact Information

Grantee Name: _____

Grant Number: _____

ACRES Property ID: _____

Program Manager Name: _____
(Point of Contact)

Contact Phone Number: _____

Name / Address of Property Assessed: _____

Checklist

Please indicate that each of the following All Appropriate Inquiries documentation requirements were met for the Phase I assessment conducted at the above listed property:

- ☐ An ***opinion*** as to whether the inquiry has identified conditions indicative of releases or threatened releases of hazardous substances, and as applicable, pollutants and contaminants, petroleum or petroleum products, or controlled substances, on, at, in, or to the subject property.
- ☐ An identification of “***significant***” ***data gaps*** (as defined in §312.10 of AAI final rule and §12.7 of ASTM E1527-05), if any, in the information collected for the inquiry, as well as comments regarding the significance of these data gaps. Significant data gaps including missing and unattainable information that affects the ability of the environmental professional to identify conditions indicative of releases or threatened releases of hazardous substances, and as applicable, pollutants and contaminants, petroleum or petroleum products, or controlled substances, on, at, in, or to the subject property.
- ☐ ***Qualifications and signature*** of the environmental professional(s). The environmental professional must place the following statements in the document and sign the document:
 - ☐ “[I, We] declare that, to the best of [my, our] professional knowledge and belief, [I, we] meet the definition of Environmental Professional as defined in §312.10 of this part.”
 - ☐ “[I, We] have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. [I, We] have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.”

Note: Please use either “I” or “We.”
- ☐ In compliance with §312.31(b) of the AAI final rule and §12.6.1 of ASTM E1527-05, the environmental professional must include in the final report an ***opinion regarding additional appropriate investigation***, if the environmental professional has such an opinion.

Signature of Grantee Program Manager

Date



Environmental & Engineering Services Nationwide



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INCENTIVES CONSULTING

PHASE I ENVIRONMENTAL SITE ASSESSMENT

32285-32333 Mally Drive | Madison Heights, Michigan
PM Project Number 02-7433-0

Prepared for:

Oakland County
2100 Pontiac Lake Road
Pontiac, Michigan 48328

Prepared by:

PM Environmental, Inc.
4080 West 11 Mile Road
Berkley, Michigan 48072

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September 16, 2014

Mr. Bradley Hansen
Oakland County
2100 Pontiac Lake Road
Pontiac, Michigan 48328-2735

**Re: Phase I Environmental Site Assessment of the Commercial Property
Located at 32285-32333 Mally Drive
Madison Heights, Michigan
PM Environmental, Inc. Project No. 02-07433-0**

Dear Mr. Hansen:

PM Environmental, Incorporated (PM) has completed the Phase I Environmental Site Assessment (ESA) of the above referenced property. This Phase I ESA was conducted in accordance with (1) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries {(AAI), 40 CFR Part 312} and (2) guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-13* (ASTM Standard Practice E 1527-13).

The Phase I ESA for the above referenced property represents the product of PM's professional expertise and judgment in the environmental consulting industry, and it is reasonable for **OAKLAND COUNTY, MICHIGAN MOTORZ, LLC AND FIRSTMERIT BANK** to rely on PM's Phase I ESA report.

If you have any questions related to this report please do not hesitate to contact our office at (248) 336-9988.

Sincerely,
PM ENVIRONMENTAL, INC.



Kristin Gable
Regional Due Diligence Manager



Kevin M. Kruszewski, P.G.
V.P. – Environmental Risk Management

EXECUTIVE SUMMARY

PM Environmental, Inc., (PM) was retained to conduct a Phase I Environmental Site Assessment (ESA) of the Commercial Property located at 32285-32333 Mally Drive, Madison Heights, Oakland County, Michigan (hereafter referred to as the "subject property"). This Phase I ESA was conducted in accordance with (1) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries {(AAI), 40 CFR Part 312} and (2) guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-13* (ASTM Standard Practice E 1527-13).

THIS REPORT WAS PREPARED FOR THE EXCLUSIVE USE OF OAKLAND COUNTY, MICHIGAN MOTORZ, LLC AND FIRSTMERIT BANK, EACH OF WHOM MAY RELY ON THE REPORT'S CONTENTS.

Item	Comments
Number of Parcels and Acreage	One parcel containing approximately 1.61 acres
Number of Building(s) and Square Footage	One building totaling approximately 25,377 square feet
Current Property Use	Office and warehousing

Reasonably ascertainable records for the subject property extended back to approximately 1940. Data failure occurred prior to that date. However, PM did not identify any significant data gaps during the completion of this Phase I ESA.

Standard and other historical sources were able to document that the first developed use of the subject property occurred prior to 1940 with agricultural fields. The property was utilized for agricultural purposes until between 1957 and 1963. The property was vacant land until between 1976 and 1978, when the current building was constructed. The interior of the building was likely finished between 1976 and early 1980s. The subject building historically contained up to eight tenant spaces, and the former occupants included various office/engineering; wholesale; warehousing; and silkscreen/embroidering operations.

Additional operations included electrical assembly operations from 1982 until 1995; valve and felt spool assembly operations from 1991 to 2003; a pest control company from 1993 until 2001; and an automatic door company with likely warehouse and/or assembly operations from 2000 until 2013. A tenant space was also occupied by Magnetool, Inc. from 1982 to 1987, and operations may have consisted of small scale manufacturing operations. However, based on the short time frame, and small scale operations, PM has not identified this former occupant and operations as a REC.

The building was converted to two tenant spaces approximately five years ago. The western tenant space, identified as 32285 Mally Drive, has been occupied by Arnold Sales, a janitorial products warehouse/distribution company since at least 2011. The eastern tenant space, identified as 32333 Mally Drive, was most recently occupied by Empire Embroidery, a screen printing and embroidery operation, for approximately four years, and has been leased for storage for the past three months.

The following table summarizes the conditions identified as part of this assessment.

Type of Condition	Identified During the Course of this Assessment
De Minimis Condition	No
Significant Data Gap	No
Historical Recognized Environmental Condition (HREC)	No
Controlled Recognized Environmental Condition (CREC)	No
Recognized Environmental Condition (REC)	No

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the Commercial Property located at 32285-32333 Mally Drive, Madison Heights, Oakland County, Michigan, the property. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of recognized environmental conditions connected with the property. No further investigation is recommended.

The summary presented above is general in nature and should not be considered apart from the entire text of the report, which contains the qualifications, considerations and subject property details mentioned herein. Details of findings and conclusions are elaborated upon in this report.

This report has been reviewed for its completeness and accuracy. Please feel free to contact our office at (248) 336-9988 to discuss this report.

REPORT PREPARED BY:

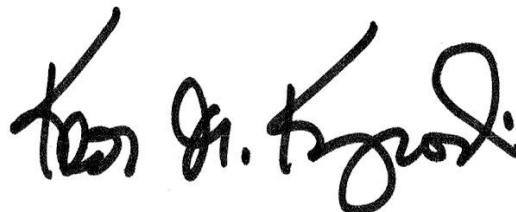
PM Environmental, Inc.



Kristin Gable
Regional Due Diligence Manager

REPORT REVIEWED BY:

PM Environmental, Inc.



Kevin M. Kruszewski, P.G.
V.P. – Environmental Risk Management

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FIGURES

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APPENDICES

Appendix A: Property Photographs from Site Reconnaissance

Appendix B: Correspondence and Supporting Documentation

Appendix C: Previous Site Investigations

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1.0 INTRODUCTION

This Phase I ESA was conducted in accordance with (1) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries {(AAI), 40 CFR Part 312} and (2) guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-13* (ASTM Standard Practice E 1527-13).

THIS REPORT WAS PREPARED FOR THE EXCLUSIVE USE OF OAKLAND COUNTY, MICHIGAN MOTORZ, LLC AND FIRSTMERIT BANK, EACH OF WHOM MAY RELY ON THE REPORT'S CONTENTS.

PM acknowledges that these parties may rely on the contents and conclusions presented in this report. Unless stated otherwise in writing, PM makes no other warranty, representation, or extension of reliance upon the findings of this report to any other entity or third party.

1.1: Property Overview

Subject Property Location/Address	32285-32333 Mally Drive, Madison Heights, Oakland County, Michigan
Number of Parcels and Acreage	One parcel containing approximately 1.61 acres
Number of Building(s) and Square Footage	One building totaling approximately 25,377 square feet
Current Property Use	Office and warehousing
Current Zoning	M-2: Heavy Industrial

The subject property location is depicted on Figure 1, Site Location Map. A diagram of the subject property and adjoining properties is included as Figure 2, Generalized Diagram of the Subject Property and Surrounding Area. Photographs taken during the site reconnaissance are included in Appendix A.

1.2: Purpose and Scope of Services

The purpose of this Phase I ESA was to evaluate the current and historical conditions of the subject property in an effort to identify *recognized environmental conditions* (RECs), *controlled recognized environmental conditions* (CRECs), and *historical recognized environmental conditions* (HRECs) in connection with the subject property. This Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs and HRECs in connection with the subject property.

Acronyms and terms used in this report are described in Appendix F. Additionally, PM's scope of services is included in Appendix F.

1.3: Significant Assumptions

Pursuant to ASTM Standard Practice E 1527-13, PM assumes that the information provided by all sources and parties, including the User, is accurate and complete, except where obvious inconsistencies or inaccuracies were identified.

1.4: Limitations, Deviations, and Special Terms and Conditions

There are no deviations from the ASTM Standard. Non-ASTM Scope considerations are included in Section 11.0. Any physical limitations identified during the completion of this report are referenced in Section 7.0.

Due to changing environmental regulatory conditions and potential on-site or adjacent activities occurring after this assessment, the client may not presume the continuing applicability to the subject property of the conclusions in this assessment for more than 180 days after the report's issuance date, per ASTM Standard Practice E 1527-13.

To the best of PM's knowledge, no special terms or conditions apply to the preparation of this Phase I ESA that would deviate the scope of work from the ASTM Standard Practice E 1527-13.

PM was not provided with a copy of the recorded land title records for subject property by the client and was not requested to complete a title search. Therefore, PM cannot comment on any potential relevant information that may have been obtained through review of these records.

2.0 USER PROVIDED INFORMATION

The ASTM Standard defines a User as "the party seeking to use Practice E 1527 to complete an environmental site assessment. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager." The User has specific obligations for completing a successful application of this practice as outlined in Section 6 of the ASTM Standard Practice E 1527-13.

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfield's Revitalization Act of 2001 (the "Brownfield's Amendments") (if desired), the User must provide certain information (if available) identified in the User Questionnaire to the environmental professional. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete.

The following responses were provided by the User. A copy of the completed User Questionnaire is included in Appendix B.

Question	Response
Name of Preparer and User Entity	Mr. Roger Abejean; Michigan Motorz, LLC
Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?	No
Are you aware of any Activity and Use Limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?	No

Question	Response
As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	No
Does the purchase price being paid for this property reasonably reflect the fair market value of the property?	Yes
If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	Not applicable
Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user:	
Do you know the past uses of the property?	No
Do you know of specific chemicals that are present or once were present at the property?	No
Do you know of spills or other chemical releases that have taken place at the property?	No
Do you know of any environmental cleanups that have taken place at the property?	No
As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?	No

2.1: Recorded Land Title Records

PM requested reasonably ascertainable recorded land title records for the subject property from the User. However, PM did not receive any title records from the User within the time constraints of this report. Additionally, PM was not requested to complete a title search by the User. PM did review available environmental lien and activity and use limitations for the subject property, which are further discussed in Section 4.10. Based upon the information reviewed as part of this Phase I ESA, PM has not identified the lack of provided land title records as a data failure that represents a significant data gap.

2.2: Reason for Performing this Phase I ESA

According to the User, this Phase I ESA was conducted as part of environmental due diligence related to purchasing the subject property.

3.0 PHYSICAL SETTING

PHYSICAL SETTING INFORMATION FOR THE SUBJECT PROPERTY AND SURROUNDING AREA		SOURCE
Topography: Refer to Figure 1 for an excerpt of the Topographic Map		
Site Elevation	640 feet above sea level	United States Geological Survey Division (U.S.G.S.) 7.5-Minute Topographic Map of the Rochester, Michigan Quadrangle, 1997
Topographic Gradient	Southeast	
Closest Surface Water	Red Run located approximately 1.5 miles south-southeast of the subject property	
General Soil Characteristics: Refer to Appendix B for a copy of the soil survey map and soil type descriptions		
Soil Type	Udorthents and Udipsamments, Nearly Level to Hilly	United States Department of Agriculture, Custom Soil Resource Report for Oakland County, Michigan (survey area data from December 19, 2013)
Description	A typical soil profile consists of a silt loam to eight inches below ground surface (bgs), underlain by a clay loam to 80 inches bgs. Soils are well drained. Corrosivity is moderate for uncoated steel and low for concrete.	
Area Specific Geology/Hydrogeology Characteristics:		
Geology	Geology consists of gray and brown clay to 17.0 feet bgs, the maximum depth explored.	Previous site investigations for the north adjoining property (May 2000)
Hydrogeology	No groundwater was encountered to 17.0 feet bgs.	
Oil and Gas Wells:		
Current Oil and Gas Wells on Subject Property	None identified	MDEQ Geologic Survey Division (GSD) web site
Historical Oil and Gas Wells On Subject property	None identified	

4.0 RECORDS REVIEW

PM reviewed reasonably ascertainable records to identify obvious uses of the subject property from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. Reasonably ascertainable records reviewed as part of this Phase I ESA documented the use of the property back to 1940. Data failure occurred prior to that date. In PM's professional opinion, this data failure does not represent a significant data gap.

4.1: Aerial Photographs and Sanborn Maps

PM reviewed reasonably ascertainable aerial photographs for the subject property area. The sources and years reviewed are identified in the table below. Relevant aerial photographs are included in Appendix B.

PM attempted to review reasonably ascertainable Sanborn Fire Insurance Maps for the subject property. However, no Sanborn Fire Insurance Maps were available for the subject property (Appendix B).

The following table summarizes the sources reviewed and the information obtained about the subject property from these sources. Information obtained about the adjoining properties from these sources is summarized in Section 8.0.

Aerial Summary for the Subject Property

Year and Source	Summary of Information
1940 Aerial (Oakland County)	Appears to be utilized for agricultural purposes based on well defined crop rows.
1949 Aerial (WSU)	Similar to the previous aerial year.
1952 Aerial (WSU)	Similar to the previous aerial year.
1957 Aerial (WSU)	Similar to the previous aerial year.
1963 Aerial (Oakland County)	No longer utilized for agricultural purposes. Appears to be cleared associated with development in the area.
1974 Aerial (Oakland County)	Appears to be vacant land.
1980 Aerial (Oakland County)	The current building is visible in the central portion with parking areas surrounding the building. Layout appears similar to the current layout.
1990 Aerial (Oakland County)	Similar to the previous aerial year.
1997 Aerial (Oakland County)	Similar to the previous aerial year.
2000 Aerial (Oakland County)	Similar to the previous aerial year.
2005 Aerial (Oakland County)	Similar to the previous aerial year.
2008 Aerial (Oakland County)	Similar to the previous aerial year.
2012 Aerial (Oakland County)	Similar to the previous aerial year.

A summary of this information along with other historical sources is included in Section 6.0.

4.2: Local Street Directories

Reasonably ascertainable local street directories for Madison Heights, Michigan were researched. Directories were available from 1954 to 2014. Directories were researched in at least five-year increments, when available. It should not be construed that the earliest date represented is the initial date of occupancy.

PM also reviewed listings for adjoining commercial properties. Information from the listings reviewed is included in Section 8.0.

Subject Property: 32285 – 32333 Mally Drive

32285 Mally Drive

2014-2011	Arnold Sales
2009	Not Listed
2007-2006	No Phone
2003-2002	Advance Creation Advance Printwear, Inc.
2001-1997	Paper Vision, Inc.
1995-1994	Air Pro Association, Inc.
1992-1991	International Show Car
1989-1988	Not Listed
1986-1985	Vario Systems, Inc.
1983-1967	Not Listed
1966-1954	Street Not Listed in Research Source

32295 Mally Drive

2014-2009	Not Listed
2007-2002	No Phone
2001-2000	Gardex Chemicals
1998-1994	Abell Pest Control Gardex Chemicals
1992-1967	Not Listed
1966-1954	Street Not Listed in Research Source

32305 Mally Drive

2014	Not Listed
2013-2011	Stanley Access Technologies
2009	Not Listed
2007-2000	Stanley Access Technologies
1998-1997	Final Design
1995-1985	DC Power, Inc.
1983-1982	Gould, Inc.
1980-1967	Not Listed
1966-1954	Street Not Listed in Research Source

32307 Mally Drive

2014-1991	Not Listed
1989-1985	Gould, Inc.
1983-1967	Not Listed
1966-1954	Street Not Listed in Research Source

32317 Mally Drive

2014-2009	Not Listed
2007-2006	No Phone
2003-1991	TL International, Inc.
1989-1988	Michigan Shipper Supplies
1986-1985	Diagraph Corporation
1983-1982	Magnetool, Inc.
1980-1967	Not Listed
1966-1954	Street Not Listed in Research Source

32333 Mally Drive

2014	Empire Embroidery
2013-2009	Not Listed
2007-2006	No Phone
2003-1991	Apex Engineering Company
1989-1982	Not Listed
1980-1979	Gould, Inc.
1976-1967	Not Listed
1966-1954	Street Not Listed in Research Source

Historical Subject Property: 32355 Mally Drive

2014-2009	Not Listed
2007-2006	The Delivery Butler
2003-1997	Sector Computer System
1994-1993	W R Adams Assoc. Sector Computer Systems
1992-1991	Mally Corporation
1989-1988	Not Listed
1986-1985	Premier Engineering Company
1983-1982	Concord Design Company
1980-1979	Mally Graphics
1977-1967	Not Listed
1966-1954	Street Not Listed in Research Source

Historical Subject Property: 32365 Mally Drive

2014-1997	Not Listed
1994-1993	Digital Equipment
1992-1991	Not Listed
1989-1979	International Show Car Association

1977-1967 Not Listed
1966-1954 Street Not Listed in Research Source

A summary of this information along with other historical sources is included in Section 6.0.

4.3: Assessing Department

Reasonably ascertainable assessment information provided by the City of Madison Heights Assessing Department and Oakland County Equalization Department was obtained and reviewed. Assessing records document that the subject property consists of one parcel containing approximately 1.61 acres and is developed with a 25,377 square foot building constructed in 1978. PM reviewed a historical record card which identified the building as a warehouse. Additionally, the record card documented the installation of a paint booth in 1984, however, the location/tenant space was not identified. Based on the known occupants and operations, the paint booth was likely utilized for small touch up and/or for use with spray cans. Therefore, PM has not identified the former paint booth as a REC. Copies of available assessment records for the subject property and the current legal description are included in Appendix B.

4.4: Building Department

Reasonably ascertainable assessment information provided by the City of Madison Heights Building Department was obtained and reviewed. Building Department records documented the construction of the subject building as an office and warehouse in 1976, and municipal water and sewer connections in 1976. Building records also included various permits and certificate of occupancies documenting former occupants and operations, which are summarized in the table below.

Address	Year(s)	Occupant	Operations
32285 Mally	1980	Kolester Sports Wear, USA	Wholesale and silkscreen products
32285 Mally	1988	International Show Car Associates	Office and material storage
32285 Mally	1994	Air Pro Associates, Inc.	office and warehouse (manufacturer's representative)
32285 Mally	1996-2000	Paper Vision	Paper/printing supply store and wholesale distribution
32285 Mally	2002	Advanced Print Wear	Silkscreen embroidering
32317 Mally	1993	T.L. International, Inc.	Valve and felt spool assembly
32333 Mally	1980	Gould Modicon Division	Service center and warehouse for programmable controllers

Building Department records also documented 32333 Mally was occupied by Empire Embroidering in April 2010 and the chemicals utilized on-site were "not safe" for drain disposal and operations switched to "safe" chemicals. However, this operation was not identified as a RCRA generator and/or WDS site and the chemicals may not have been safe for drain disposal, but were not identified as hazardous. Based on the former silk screen/embroidery operations, PM has not identified the drain disposal of chemicals as a REC.

4.5: Fire Department

PM submitted a Freedom of Information Act (FOIA) request to the City of Madison Heights Fire Department to review Fire Department records for the subject property. Fire Department records were only available for 32295 Mally Drive, and included a Hazardous Chemical Survey. The tenant space was occupied by Abell Pest Control in 1993 and operations included the storage of herbicides and pesticides. No violations and/or poor waste management practices were identified. Based on the likely warehousing/distribution operations and lack of identification as a RCRA generator and/or WDS site, PM has not identified the storage of herbicides and pesticides as a REC.

Additionally, a representative of the Fire Department indicated there are no records of incidents of fires, chemical spills, dumping, or HAZMAT responses to the subject property.

4.6: Health Department

PM submitted a FOIA request to the Oakland County Health Department to review records for the subject property. PM received a written response from a representative of the department indicating no files were available for the subject property.

4.7: Utilities

4.7.1: Municipal Water/Water Wells

The subject property is currently connected to municipal water. According to a representative of the City of Madison Heights Water and Sewer Department, the subject property was connected to municipal water in 1977, which is consistent with the construction of the current building. Additionally, the representative indicated municipal water mains were installed in 1969. No records of private water wells have been identified through review of reasonably ascertainable information.

4.7.2: Sanitary Sewer/Septic System

The subject property is currently connected to municipal sewer. According to a representative of the City of Madison Heights Water and Sewer Department, the subject property was connected to municipal sewer in 1977, which is consistent with the construction of the current building. Additionally, the representative indicated municipal sewer mains were installed in 1969. No records of private septic fields have been identified through review of reasonably ascertainable information.

4.7.3: Heat Source

The subject property is connected to natural gas, which is supplied by Consumers Energy. Review of the Consumers Energy SIMS website indicates the subject property was initially connected to natural gas in 1977, which is consistent with the initial construction of the current building. No alternative heat sources have been identified through review of reasonably ascertainable information.

4.8: Underground Storage Tank (UST) Systems

Review of reasonably ascertainable standard and other historical sources, and site observations, have not identified the current and historical presence of USTs on the subject property. Specifically, no records of USTs were identified though review of reasonably ascertainable records and PM did not observe any evidence of USTs (i.e. fill ports, vent pipes, etc.) during the site reconnaissance. Additionally, the current owner indicated he had no knowledge of USTs associated with the subject property.

4.9: Previous Environmental Reports

No previous site investigations were identified by PM for the subject property. Previous reports may exist for the subject property, however, none were provided to PM by the client or owner of the property, and none were available with the appropriate state regulatory agencies.

4.10: Environmental Liens, Activity and Use Limitations, and Government Institutional and Engineering Controls

PM has not identified any record of environmental liens, activity and use limitations, or institutional controls or engineering controls associated with the subject property through review of reasonable ascertainable records.

5.0 INTERVIEWS

The objective of completing interviews with knowledgeable site contacts is to obtain information about the uses and physical characteristics of the property. In general, interviewees supported the information reviewed from other historical sources (i.e. aerial photos, city records, etc.).

Represents	Interviewed	Name and Title	Length of Time Associated with Subject Property	Comments
Current Property Owner	Yes	Mr. Lane Mally, current owner	1960s	Mr. Mally indicated he constructed the current building on vacant land in the 1960s. However, based on review of other historical sources, the building was constructed in the late 1970s. Mr. Mally indicated the building has historically been occupied by warehouse and office tenants with no manufacturing operations. Additionally, Mr. Mally indicated the building was renovated approximately five years ago to include the current two tenant spaces.

Represents	Interviewed	Name and Title	Length of Time Associated with Subject Property	Comments
Former Property Owner	No	Not applicable	Not applicable	Contact information for the former owner was not reasonably ascertainable or provided by the User
Key Site Manager	No	Not applicable	Not applicable	The building is currently utilized for warehousing and a knowledgeable key site manager was not available for interview.
Current Occupant(s)	No	Not applicable	Not applicable	The building is currently utilized for warehousing and a knowledgeable occupant was not available for interview.
Former Occupant(s)	No	Not applicable	Not applicable	Contact information for the former occupants was not reasonably ascertainable or provided by the User
Other(s)	No	Not applicable	Not applicable	No other relevant interviews were conducted as part of this Phase I ESA.

6.0 SUMMARY OF HISTORICAL USE

Standard and other historical sources were able to document that the first developed use of the subject property occurred prior to 1940 with agricultural fields. The property was utilized for agricultural purposes until between 1957 and 1963. The property was vacant land until between 1976 and 1978, when the current building was constructed. The interior of the building was likely finished between 1976 and early 1980s. The subject building historically contained up to eight tenant spaces, and the former occupants included various office/engineering; wholesale; warehousing; and silkscreen/embroidering operations.

Additional operations included electrical assembly operations from 1982 until 1995; valve and felt spool assembly operations from 1991 to 2003; a pest control company from 1993 until 2001; and an automatic door company with likely warehouse and/or assembly operations from 2000 until 2013. A tenant space was also occupied by Magnetool, Inc. from 1982 to 1987, and operations may have consisted of small scale manufacturing operations. However, based on the short time frame, and small scale operations, PM has not identified this former occupant and operations as a REC.

The building was converted to two tenant spaces approximately five years ago. The western tenant space, identified as 32285 Mally Drive, has been occupied by Arnold Sales, a janitorial products warehouse/distribution company since at least 2011. The eastern tenant space, identified as 32333 Mally Drive, was most recently occupied by Empire Embroidery, a screen printing and embroidery operation, for approximately four years, and has been leased for storage for the past three months.

7.0 SUBJECT PROPERTY RECONNAISSANCE

Reconnaissance Information	
PM Field Personnel:	Mr. Ryan Feeny
Site Reconnaissance Date:	June 4, 2014
Weather Conditions:	65 F and raining
Escort:	Mr. Garry Rodgers (broker) and Ms. Jacqui Schaefer (potential purchaser)
Limitations:	None identified

7.1: Subject Property Observations

The subject building consists of a single story totaling approximately 25,377 square feet. The building is divided into two tenant spaces and each tenant space contains office and warehouse areas. Interior finish materials in the office areas include two foot by two foot ceiling tiles, two foot by four foot ceiling tiles, drywall walls, wood floors, carpet, and 12 inch by 12 inch floor tiles. The warehouse areas are partially finished with metal deck ceilings, cinder block walls, and concrete or epoxy coated concrete floors.

Asphalt and concrete paved areas are located north, south, and west of the subject building and groomed grass is located east of the subject building.

The following table summarizes the site observations. Affirmative responses are discussed in more detail following the table.

Category	Feature	Observed
Interior Equipment	Elevators	No
	Air Compressors	No
	Incinerators	No
	Waste Treatment Systems	No
	Presses/Stamping Equipment	No
	Press Pits	No
	Hydraulic Lifts or In-ground hoists	No
	Paint Booth	No
	Plating Tanks	No
	Lathes, Screw Machines, etc.	No
Aboveground Chemical or Other Waste Storage or Waste Streams	Aboveground Storage Tanks (ASTs)	No
	Drums, Barrels and/or Containers > 5 gallons	Yes
	Chip Hoppers	No
	Hazardous or Petroleum Waste Streams	No
Underground Chemical or Waste Storage, Drainage or Collection Systems	Underground Storage Tanks	No
	Fuel Dispensers	No
	Sumps or Cisterns	No
	Dry Wells	No
	Oil/Water Separators	No
	Floor Drains, Trench Drains, etc.	Yes
Exterior Observations	Pipeline Markers	No
	Stressed Vegetation	No
	Stained Soil or Pavement	No
	Monitoring Wells	No
	Pad or Pole Mounted Transformers and/or Capacitors	Yes

Category	Feature	Observed
	Soil Piles of Unknown Origin	No
	Exterior Dumpsters with Staining	No
	Leachate or Other Waste Seeps	No
	Trash, Debris, and/or Other Waste Materials	No
	Uncontrolled Dumping or Disposal Areas	No
	Surface Water Discoloration, Sheen or Free Product	No
	Strong, Pungent or Noxious Odors	No
	Storm water retention or detention ponds	No
	Pits, Ponds, Lagoons	No

Drums, Barrels, and/or Containers > 5-gallons: PM observed new, unopened retail size containers, one-gallon containers, and five-gallon containers within both tenant spaces. The containers included various cleaning products and hydraulic oil. The contents are not utilized on-site and are stored prior to distribution. Therefore, PM has not identified the observed containers as a REC.

Floor Drains, Trench Drains, etc.: PM observed floor drains in the restrooms. Additionally, PM observed one floor drain in the eastern portion of the eastern tenant space and evidence of filled in floor drains in the eastern portion of the eastern tenant space. The floor drains are likely associated with former office restrooms that were removed during renovation activities. The floor drains are likely connected to municipal sewer and no staining or evidence of poor waste management practices were observed. Therefore, PM has not identified the floor drains as a REC.

Pad or Pole Mounted Transformers and/or Capacitors: PM observed three pole mounted transformers located along the north facing wall of the subject building. The transformers, which are likely owned by Detroit Edison (DTE), contained labels indicating the transfers do not contain PCBs. The transformers appeared to be in good condition with no evidence of a release and do not represent a REC.

7.1.1: Current Operations

Current business operations consist of general office and warehousing activities.

8.0 ADJOINING PROPERTIES

The following paragraphs provide information about the adjoining properties obtained during the site reconnaissance and through review of reasonably ascertainable information.

North Adjoining Property

The north adjoining property, identified as 32401 Mally Drive, is currently vacant land. Review of historical sources documents this property was developed prior to 1940 with agricultural fields. The property was utilized for agricultural purposes until between 1957 and 1963. The property contained construction equipment associated with the construction of I-75 in at least 1963, and was developed with a building between 1963 and 1974. An addition was constructed to the southern portion of the building between 1974 and 1980, and the building was demolished between 2005 and 2008. The property has been vacant land since 2008. This property was occupied by Maschmeyer Concrete Company from at least 1991 until 1998. Additionally, the subject property owner indicated this property as historically occupied by a concrete

manufacturing/mixing plant. This property is identified in the regulatory database. Refer to Section 9.2 for additional information.

East Adjoining Property

The east adjoining property consists of Interstate 75. Review of historical sources documents this property was developed prior to 1940 with agricultural fields. The property was utilized for agricultural purposes until between 1957 and 1963, when construction of I-75 began. I-75 was constructed by 1974.

South Adjoining Property

The south adjoining property, identified as 32275 Mally Drive, is currently occupied by Henkel. Review of historical sources documents this property was developed prior to 1940 with agricultural fields. The property was utilized for agricultural purposes until between 1957 and 1963, when the property was cleared. The property was vacant land until between 1963 and 1973, when the current building was constructed. The property was occupied by Western Publishing from 1973 to 1986; engineering and packaging companies from 1982 until 1986; Jabil Circuit Co. from 1986 until 1992; Beso Graphic System from 1986 to 2001; and has been occupied by Henkel since at least 2009. This property is identified in the regulatory database. Refer to Section 9.2 for additional information.

West Adjoining Properties

The northwest adjoining property, identified as 32420 Stephenson Highway, is currently occupied by Hampton Inn. Review of historical sources documents this property was developed prior to 1940 with agricultural fields. The property was utilized for agricultural purposes until between 1957 and 1963, when the property was cleared. The majority of the property was vacant land until between 1980 and 1990, when the current hotel was constructed. The eastern portion was utilized for parking and exterior storage by the property located at 32401 Mally Drive from at least 1974 until at least 2005. The property has been occupied by Hampton Inn since at least 1992.

The southwest adjoining property, identified as 32100 Stephenson Highway, is currently occupied by Henkel. This property is the Henkel world headquarters and operations consist of research and development, sales and marketing, and administrative activities. Review of historical sources documents this property was developed prior to 1940 with agricultural fields. The property was utilized for agricultural purposes until between 1952 and 1957, when the northern portion of the current building was constructed. Additions were constructed to the southern portion between 1957 and 1974. Additionally, a storage shed was located along the eastern property boundary from at least 1963 until 1997. This property was occupied by Paramount Engineering, an engineering firm, from 1958 until the 1970s, and has been occupied by various chemical companies since 1971. This property is identified in the regulatory database. Refer to Section 9.2 for additional information.

9.0 REGULATORY RECORDS REVIEW

PM retained EDR to provide current regulatory database information compiled by a variety of federal and state regulatory agencies. A copy of the complete database is included in Appendix D. The following information was obtained:

Type	Regulatory Agency Database	Approximate Minimum Search Distance (AMSD)	Number of Sites within AMSD
Federal	National Priority List (NPL) Sites	1 mile	0
Federal	Delisted National Priority List (DNPL) Sites	½ mile	0
Federal	Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) Sites	½ mile	0
Federal	CERCLIS No Further Remediation Action Planned (NFRAP) Sites	½ mile	0
Federal	Resource Conservation and Recovery Act (RCRA) Corrective Action Report (CORRACTS) Sites	1 mile	2
Federal	RCRA non-CORRACTS Treatment, Storage or Disposal (TSD) Sites	½ mile	1
Federal	RCRA Large Quantity Generators (LQG) Sites	subject property and adjoining properties	1
Federal	RCRA Small Quantity Generators (SQG) Sites	subject property and adjoining properties	0
Federal	RCRA Conditionally Exempt Small Quantity Generators (CESQG) Sites	subject property and adjoining properties	0
Federal	RCRA Non-Generators (NON-GEN) Sites	subject property and adjoining properties	2
Federal	Institutional Control / Engineering Control Registries	subject property	0
Federal	Environmental Response and Notification System (ERNS)	subject property	0
State & Tribal	Hazardous Waste Sites (HWS) (equivalents to NPL and CERCLIS)	1 mile	2
State & Tribal	Solid Waste Facilities/Landfill Sites (SWLF)	½ mile	0
State & Tribal	Leaking Underground Storage Tank (LUST) Sites	½ mile	10
State & Tribal	Registered Underground Storage Tank (UST) Sites	subject property and adjoining properties	2
State & Tribal	Institutional Control / Engineering Control Registries	subject property	0
State & Tribal	Brownfield Sites	½ mile	0
State & Tribal	Baseline Environmental Assessment (BEA) Sites	½ mile	4
Either	Unmappable Database Listings (a.k.a. Orphan Sites)	database-dependent	13

9.1: Subject Property and Occupant Listings

The regulatory database report identified the following listings for the subject property or its known occupants on the referenced databases:

Gould, Inc. – The subject property (32305 Mally Drive) is identified as a RCRA non-generator of hazardous waste with no violations reported. Review of the database documents Gould has been listed as a non-generator since 1980. PM attempted to review MDEQ file information for the subject property, however, no file information was available. Review of the MDEQ Waste Data System (WDS) website documents the NAICS code associated with Gould, Inc. is identified as storage battery manufacturing. No additional relevant information was available. Review of

Building Department records document operations associated with Gould consisted of controller assembly and warehousing. Based on the assembly operations, limited to no hazardous waste generation (based on the non-generator status), and short time frame Gould, Inc. occupied the subject property (approximately 1979-1989), PM has not identified the operations associated with Gould, Inc. as a REC.

Additionally, the subject property (Advanced Printwear at 32285 Mally Drive) is identified as a WDS site. No relevant information was available through review of the WDS website. Based on the short time frame Advanced Printwear occupied the subject property (2002-2003) and screen printing/embroidery operations, PM has not identified the operations associated with Advanced Printwear as a REC.

9.2: Adjoining and Nearby Sites

PM's review of the referenced databases also considered the potential or likelihood of contamination from adjoining and nearby sites. To evaluate which of the adjoining and nearby sites identified in the regulatory database report present an environmental risk to the subject property, PM considered the following criteria:

- The type of database on which the site is identified.
- The topographic position of the identified site relative to the subject property.
- The direction and distance of the identified site from the subject property.
- Local soil conditions in the subject property area.
- The known or inferred groundwater flow direction in the subject property area.
- The status of the respective regulatory agency-required investigation(s) of the identified site, if any.
- Surface and subsurface obstructions and diversions (e.g., buildings, roads, sewer systems, utility service lines, rivers, lakes, and ditches) located between the identified site and the subject property.

Only those sites that are judged to present a potential environmental risk to the subject property and/or warrant additional clarification are further evaluated. Using the referenced criteria, and based upon a review of readily available information contained within the regulatory database report, PM did not identify adjoining (i.e., bordering) or nearby sites (e.g., properties within a ¼-mile radius) listed in the regulatory database report that were judged to present a potential environmental risk to the subject property, with the exception of the following:

Henkel Corporation – This property is identified as 32100 Stephenson Highway and is the southwest adjoining property. The regulatory database has identified this property as a CORRACTS site; RCRA TSDF; LQG; and a closed UST site. PM reviewed MDEQ file information for this property, which documented one 12,000-gallon fuel oil UST was installed in 1970, and removed in October 1990. The UST was located at the northeast corner of the building. MDEQ records did not include clean closure of the UST. However, based on the distance of the former UST basin from the subject property, approximately 250 feet, removal of the former UST, and regional clay geology with insufficient groundwater to act as a transport mechanism, PM has not identified the former fuel oil UST as a REC.

MDEQ records documented a MDEQ/EPA inspection and notice of violation dated December 1999. The documents identify violations associated with waste analysis for waste streams including waste solvents and paints from research and development, lab packs, and waste water

treatment heavy metal reduction precipitation; failure to properly mark waste containers; incomplete training records; adequate fire control; alarm in satellite accumulation area; inadequate aisle space and storage area in disarray; failure to document arrangements with local emergency responders; and no documented waste plan for paint filters, electric lamps, and mercury waste devices. Similar violations were noted in 1991 and 2005. The violations were reportedly addressed and corrected.

PM also reviewed EPA files for this property, which documented a Preliminary Assessment/Visual Site Inspection completed in 1992. The report documents the property was occupied by Parker & Amchem Henkel Corporation in 1992 and operations consisted of research and development for chemicals utilized by the metal finishing industry, with no manufacturing or production processes. A hazardous waste storage shed was historically located in the eastern portion of the property, a waste paint storage area was located along the east facing wall of the building, and an indoor hazardous waste storage pad was identified in the eastern central portion of the building. Research laboratories were documented in the northern portion of the building. The report documents operations were generally consistent from 1971 to 1992. Waste generated included waste mineral spirits; waste water-based paint; and lab packs and nonhazardous waste streams included filter press sludge, wastewater, wash water, heat transfer oil, waste oil, lubricants, and oil emulsion. The EPA determined the potential for a release to groundwater and surface water was low, but noted a strong solvent odor and open drums in the waste paint storage area. A release was identified in 1990 in the area of the former hazardous waste shed. Chromium (54,000 µg/kg), xylenes (30,000 µg/kg), and ethylbenzene (4,000 µg/kg) were detected between 0.0 and 4.0 feet bgs. Contaminated soil was reportedly removed from this area. However, the remediation reports were not available for review. Following soil removal, the concrete floor was re-poured and consisted of diked concrete and the EPA did not identify any evidence of a release and/or poor housekeeping practices within the shed in 1992. Based on review of aerial photographs, the shed was demolished by 1997. The shed was located approximately 100 feet southwest of the subject property, and research and development/additional hazardous waste storage areas are located approximately 250 feet southwest of the subject property. However, based on the documented remediation activities in the area of the former shed, distance of operations from the subject property (approximately 250 feet), regional clay geology, and insufficient groundwater to act as a transport mechanism, PM has not identified this property as a REC.

Maschmeyer Concrete Co. – This property is identified as 32400/32401 Mally Drive and is the north adjoining property. The regulatory database has identified this property as a closed UST site and a closed LUST site with one release reported. Review of MDEQ file information documents one 10,000-gallon diesel UST was removed from the northeastern portion of the property in May 2000, and a release was reported based on visual, olfactory, and photoionization detector (PID) evidence. An addition UST 6,000-gallon diesel UST has also been removed, however, a release was not reported associated with that UST. Approximately 160 cubic yards of contaminated soil was removed from the UST basin, product lines, and fuel dispenser area. Soil samples were collected and analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX), 1,2,4-trimethylbenzene (TMB), 1,3,5-TMB, and polynuclear aromatic hydrocarbons (PNAs). No groundwater was encountered to 17.0 feet bgs. Benzene and 1,2,4-TMB were detected above the current MDEQ Part 213 Residential and Nonresidential Drinking Water Protection (DWP) and Groundwater Surface Water Interface Protection (GSIP) Risk Based Screening Levels (RBSLs). However, contamination was delineated in the direction of the subject property, and the release was granted closure in October 2000. Based on the closed LUST status, removal of the former USTs, delineation of contamination in the direction of the subject

property, and regional clay geology with insufficient groundwater to act as a transport mechanism, PM has not identified this property as a REC.

Besco Graphic Systems Corp. – This property is identified as 32275 Mally Drive and is the south adjoining property. The regulatory database has identified this property as a RCRA non-generator of hazardous waste with no violations reported. Review of the regulatory database documents this property registered as a SQG in 1986, and as a non-generator in 2001. PM attempted to review MDEQ file information for this property property, however, no file information was available. Review of the MDEQ Waste Data System (WDS) website documents the NAICS code associated with Besco Graphic Systems Corp. is identified as engineering services. No additional relevant information was available. However, based on the lack of violations reported and regional clay geology with insufficient groundwater to act as a transport mechanism, PM has not identified this property as a REC.

10.0 FINDINGS, OPINIONS AND CONCLUSIONS

10.1: De Minimis Condition

A de minimis condition, as defined in the ASTM Standard, is a condition that generally does not present a threat to human health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not RECs or CRECs. No de minimis conditions were identified during this assessment.

10.2: Significant Data Gaps

A data gap, as defined in the ASTM Standard, is a lack of or inability to obtain information required by the ASTM Standard despite good faith efforts by the environmental professional to gather such information. The environmental professional must then determine whether these gaps are significant. PM did not identify or encounter any instances of significant data gaps during the course of this ESA.

10.3: Historical Recognized Environmental Conditions (HRECs)

An HREC, as defined in the ASTM Standard, is a past release of hazardous substances or petroleum products that has occurred in connection with the subject property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the subject property to any required controls. PM has not identified any HRECs in association with the subject property.

10.4: Controlled Recognized Environmental Conditions (CRECs)

A CREC, as defined in the ASTM Standard, is a recognized environmental condition (REC) resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls. PM has not identified any CRECs in association with the subject property.

10.5: Recognized Environmental Conditions (RECs)

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the Commercial Property located at 32285-32333 Mally Drive, Madison Heights, Oakland County, Michigan, the property. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of recognized environmental conditions connected with the property.

10.6: Recommendations

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the Commercial Property located at 32285-32333 Mally Drive, Madison Heights, Oakland County, Michigan, the property. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of recognized environmental conditions connected with the property. Therefore, no further investigation is recommended at this time.

11.0 NON-ASTM SCOPE CONSIDERATIONS/BUSINESS ENVIRONMENTAL RISKS

PM has included a discussion of Non-ASTM Scope Considerations based upon industry standards and lender requirements. A Business Environmental Risk is defined as a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice.

Non-ASTM Item	Observations or Information
Potential Asbestos Containing Building Materials (ACBM)	Based upon PM's limited visual observations during the site reconnaissance, suspect ACBMs identified included two foot by two foot ceiling tiles, two foot by four foot ceiling tiles, drywall walls, and 12 inch by 12 inch floor tiles. The materials appeared to be in good condition, with the exception of water damaged ceiling tiles. If renovation or demolition activities are planned, PM recommends the completion of an ACBM survey.
Lead Based Paint	Based on the initial construction of the subject building in 1976, the potential exists lead based paint is present. PM did not observe evidence of chipped, peeling, or cracking paint during the site reconnaissance. If determination of the presence of LBP is desired, PM can provide a proposal at the request of the client
Visual Mold or Significant Moisture Damage	PM observed water damaged ceiling tiles in the eastern portion of the building. However, no mold growth was observed. PM recommends the source of water intrusion be identified and eliminated as part of on going building maintenance activities.

12.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)

We declare that, to the best of our professional knowledge and belief, we meet the definition of *Environmental professional* as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature,

history, and setting of the subject property. We have developed and performed the all appropriate inquires in conformance with the standards and practices set forth in 40 CFR Part 312.



Kristin Gable
Regional Due Diligence Manager



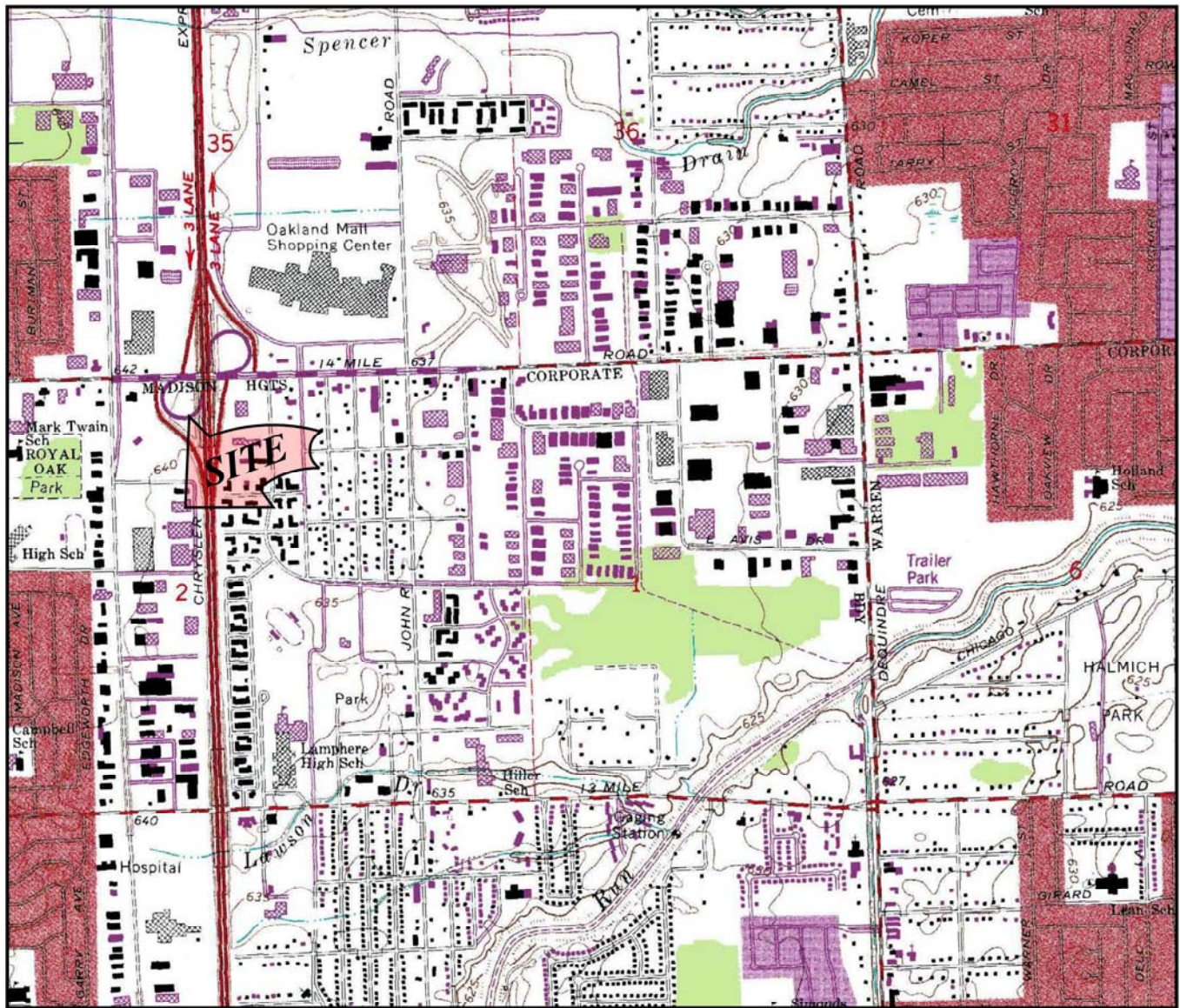
Kevin M. Kruszewski, P.G.
V.P. – Environmental Risk Management

13.0 REFERENCES

The following published sources were utilized during completion of this Phase I ESA:

- *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*, ASTM, ASTM Designation E 1527-13, Published November 2013.
- Bresser's Cross-Index City Directories, Bresser's in Detroit, Michigan. City: Madison Heights, Michigan. Years: 1954 to 2014.
- United States Geological Survey Division (U.S.G.S.) 7.5 Minute Topographic Map Rochester, Michigan Quadrangle, 1997
- *Custom Soil Resource Report for Oakland County, Michigan*, United States Department of Agriculture, December 19, 2013.

Figures



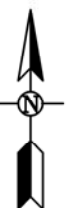
OAKLAND COUNTY

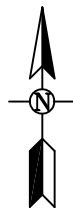


FIGURE 1

PROPERTY VICINITY MAP
USGS, 7.5 MINUTE SERIES

WARREN, MI QUADRANGLE, 1968. PHOTO REVISED 1973 AND 1980.





32420 STEPHENSON HIGHWAY
HAMPTON INN

32401 MALLY DRIVE
VACANT LAND

32285-32333 MALLY DRIVE

ASPHALT
PAVED

GRASS

32275 MALLY DRIVE
HENKEL

32100 STEPHENSON HIGHWAY
HENKEL

MALLY DRIVE

INTERSTATE 75

LEGEND:

- SUBJECT PROPERTY FENCE
- FENCE
- DUMPSTER
- POLE MOUNTED TRANSFORMER
- FLOOR DRAIN



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ENVIRONMENTAL

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& Engineering
Services**

FIGURE 2

GENERALIZED DIAGRAM OF THE SUBJECT
PROPERTY AND ADJOINING PROPERTIES

PROJ: COMMERCIAL PROPERTY 32285-32333 MALLY DRIVE MADISON HEIGHTS, MI			
THIS IS NOT A LEGAL SURVEY	DRN BY: KS	DATE: 6/20/2014	
VERIFY SCALE 0 50'	CHKD BY: KG	SCALE: 1" = 50'	
IF NOT 1" ON THIS SHEET, ADJUST SCALES ACCORDINGLY.		FILE NAME:	02-7433-0F02R00

Appendix A

SITE PHOTOGRAPHS



Photographs From Site Reconnaissance
PM Project No. 02-7433-0
Location: 32285-32333 Mally Drive, Madison Heights, Michigan

Photograph 1



View of the subject property from Mally Drive.

Photograph 2



North facing wall of the subject building.



Photographs From Site Reconnaissance
PM Project No. 02-7433-0
Location: 32285-32333 Mally Drive, Madison Heights, Michigan

Photograph 3



South facing wall of the subject building.

Photograph 4



West facing wall of the subject building.



Photographs From Site Reconnaissance
PM Project No. 02-7433-0
Location: 32285-32333 Mally Drive, Madison Heights, Michigan

Photograph 5



Office area in the eastern tenant space.

Photograph 6



View of the warehouse area in the eastern tenant space.



Photographs From Site Reconnaissance
PM Project No. 02-7433-0
Location: 32285-32333 Mally Drive, Madison Heights, Michigan

Photograph 7



Office area in the western tenant space.

Photograph 8



Warehouse area in the western tenant space.



Photographs From Site Reconnaissance
PM Project No. 02-7433-0
Location: 32285-32333 Mally Drive, Madison Heights, Michigan

Photograph 9



5-gallon container of hydraulic oil in the eastern tenant space.

Photograph 10



Cleaning supplies in the western tenant space.



Photographs From Site Reconnaissance
PM Project No. 02-7433-0
Location: 32285-32333 Mally Drive, Madison Heights, Michigan

Photograph 11



Floor drain in the eastern portion of the eastern tenant space.

Photograph 12



Pole mounted transformers located along the north facing wall of the subject building.



Photographs From Site Reconnaissance
PM Project No. 02-7433-0
Location: 32285-32333 Mally Drive, Madison Heights, Michigan

Photograph 13



The east adjoining property, Interstate 75.

Photograph 14



The south adjoining property, occupied by Henkel.



Photographs From Site Reconnaissance
PM Project No. 02-7433-0
Location: 32285-32333 Mally Drive, Madison Heights, Michigan

Photograph 15



The northwest adjoining property, occupied by Hampton Inn.

Photograph 16



The southwest adjoining property, occupied by Henkel.

Appendix B

USER QUESTIONNAIRE

Phase I ESA - ASTM User Questionnaire

Project Address: 32285-32333 Mally, Madison Heights, Michigan

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small business Liability relief and Brownfield's Revitalization Act of 2001 (the "Brownfield's Amendments") the user must provide the following information (if available) to the environmental professional. Failure to provide this information could results in a determination that "all appropriate inquiry" is not complete.

Please answer the following questions to the best of your knowledge and return to PM Environmental, Inc. (PME) via facsimile (877-884-6775) or e-mail (gable@pmenv.com).

1. Environmental Clean-up liens that are filed or recorded against the site (40 CFR 312.25)

Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

Yes ☐ No ☒

If so, please describe that type of liens:

2. Activity and land use limitations that are in place on the site or that have been filed in a registry (40 CFR 312.26)

Are you aware of any Activity and Use Limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

Yes ☐ No ☒

If yes, what type of AULs are you aware of?

3. Specialized knowledge or experience of the person seeking to qualify for a LLP (40 CFR 312.28)

As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and the processes used by this type of business?

Yes ☐ No ☒

If yes, what type of business are you associated with?

What types of chemicals are used in your business?

Phase I ESA - ASTM User Questionnaire

Project Address: 32285-32333 Mally, Madison Heights, Michigan

4. Relationship to the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29)

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? Yes ☒ No

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? Yes ☒ No

5. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30)

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example as a user:

a. Do you know of the past uses of the property? Yes ☒ No

If yes, please list what past uses are you aware of?

b. Do you know of specific chemicals that are present or once were present at the property? Yes ☒ No

If yes, please list what chemicals you are aware of?

c. Do you know of spills or other chemical releases that have taken place on the property? Yes ☒ No

d. Do you know of any environmental cleanups which have taken place on the property? Yes ☒ No

If yes, do you have copies of any of the reports documenting the work? Yes ☒ No

If you have any documentation of the previous environmental clean-up please provide copies to PME when you return this questionnaire.

Phase I ESA - ASTM User Questionnaire

Project Address: 32285-32333 Mally, Madison Heights, Michigan

6. The degree of the obviousness of the presence of likely presence of contamination at the property and the ability to detect the contamination by appropriate investigation (40CFR 312.31)

As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination on the property? Yes ☐ No ☒

If yes, please comment on what those indicators are (i.e. lower purchase price, areas of staining, poor housekeeping, etc.):

User Name:

ROGER ABEJEAN

**Company Name
property is being
purchased under:**

MICHIGAN MOTORS, LLC.

Street Address:

1800 AUSTIN DR.

City, State, Zip code:

TROY, MI 48063

User Phone Number:

248-524-9600

Signature of the User:

Roger Abejean

**Date Questionnaire was
completed on:**

9/16/2014

SOIL SURVEY INFORMATION



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for Oakland County, Michigan



June 23, 2014

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<http://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil scientists classified and named the soils in the survey area, they compared the

individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map



Map Scale: 1:617 if printed on A landscape (11" x 8.5") sheet.

0 5 10 20 30 Meters


0 25 50 100 150 Feet

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 17N WGS84

Custom Soil Resource Report


MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)


Soils


 Soil Map Unit Polygons


 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features

 Blowout

 Borrow Pit


 Clay Spot


 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water


 Perennial Water

 Rock Outcrop


 Saline Spot

 Sandy Spot

 Severely Eroded Spot


 Sinkhole


 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot


 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

Water Features

 Streams and Canals


Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Oakland County, Michigan
Survey Area Data: Version 10, Dec 19, 2013

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 14, 2012—Apr 9, 2012

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Oakland County, Michigan (MI125)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
EtmaaE	Udorthents and Udipsamments, nearly level to hilly	1.6	100.0%
Totals for Area of Interest		1.6	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Oakland County, Michigan

EtmaaE—Udorthents and Udipsamments, nearly level to hilly

Map Unit Setting

Elevation: 680 to 1,000 feet

Mean annual precipitation: 31 to 32 inches

Mean annual air temperature: 47 to 47 degrees F

Frost-free period: 137 to 179 days

Map Unit Composition

Udorthents and similar soils: 60 percent

Udipsamments and similar soils: 40 percent

Description of Udorthents

Setting

Landform: Ground moraines

Landform position (three-dimensional): Rise

Down-slope shape: Concave

Across-slope shape: Convex

Parent material: Loamy till

Typical profile

A - 0 to 8 inches: slightly alkaline, silt loam

C - 8 to 39 inches: moderately alkaline, clay loam

Cd - 39 to 80 inches: moderately alkaline, clay loam

Properties and qualities

Slope: 0 to 30 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Very low to low (0.00 to 0.01 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum in profile: 30 percent

Available water storage in profile: Moderate (about 6.5 inches)

Description of Udipsamments

Setting

Landform: Ground moraines

Landform position (three-dimensional): Rise

Down-slope shape: Concave

Across-slope shape: Convex

Parent material: Sandy glaciofluvial deposits

Typical profile

A - 0 to 4 inches: slightly alkaline, fine sandy loam

C1 - 4 to 12 inches: slightly alkaline, loamy fine sand

C2 - 12 to 30 inches: slightly alkaline, loamy fine sand

C3 - 30 to 80 inches: moderately alkaline, gravelly loamy fine sand

Custom Soil Resource Report

Properties and qualities

Slope: 0 to 30 percent

Depth to restrictive feature: More than 80 inches

Natural drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): High to very high (2.00 to 20.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum in profile: 35 percent

Available water storage in profile: Low (about 4.5 inches)

Soil Information for All Uses

Soil Reports

The Soil Reports section includes various formatted tabular and narrative reports (tables) containing data for each selected soil map unit and each component of each unit. No aggregation of data has occurred as is done in reports in the Soil Properties and Qualities and Suitabilities and Limitations sections.

The reports contain soil interpretive information as well as basic soil properties and qualities. A description of each report (table) is included.

Soil Qualities and Features

This folder contains tabular reports that present various soil qualities and features. The reports (tables) include all selected map units and components for each map unit. Soil qualities are behavior and performance attributes that are not directly measured, but are inferred from observations of dynamic conditions and from soil properties. Example soil qualities include natural drainage, and frost action. Soil features are attributes that are not directly part of the soil. Example soil features include slope and depth to restrictive layer. These features can greatly impact the use and management of the soil.

Soil Features

This table gives estimates of various soil features. The estimates are used in land use planning that involves engineering considerations.

A *restrictive layer* is a nearly continuous layer that has one or more physical, chemical, or thermal properties that significantly impede the movement of water and air through the soil or that restrict roots or otherwise provide an unfavorable root environment. Examples are bedrock, cemented layers, dense layers, and frozen layers. The table indicates the hardness and thickness of the restrictive layer, both of which significantly affect the ease of excavation. *Depth to top* is the vertical distance from the soil surface to the upper boundary of the restrictive layer.

Subsidence is the settlement of organic soils or of saturated mineral soils of very low density. Subsidence generally results from either desiccation and shrinkage, or oxidation of organic material, or both, following drainage. Subsidence takes place gradually, usually over a period of several years. The table shows the expected initial

subsidence, which usually is a result of drainage, and total subsidence, which results from a combination of factors.

Potential for frost action is the likelihood of upward or lateral expansion of the soil caused by the formation of segregated ice lenses (frost heave) and the subsequent collapse of the soil and loss of strength on thawing. Frost action occurs when moisture moves into the freezing zone of the soil. Temperature, texture, density, saturated hydraulic conductivity (Ksat), content of organic matter, and depth to the water table are the most important factors considered in evaluating the potential for frost action. It is assumed that the soil is not insulated by vegetation or snow and is not artificially drained. Silty and highly structured, clayey soils that have a high water table in winter are the most susceptible to frost action. Well drained, very gravelly, or very sandy soils are the least susceptible. Frost heave and low soil strength during thawing cause damage to pavements and other rigid structures.

Risk of corrosion pertains to potential soil-induced electrochemical or chemical action that corrodes or weakens uncoated steel or concrete. The rate of corrosion of uncoated steel is related to such factors as soil moisture, particle-size distribution, acidity, and electrical conductivity of the soil. The rate of corrosion of concrete is based mainly on the sulfate and sodium content, texture, moisture content, and acidity of the soil. Special site examination and design may be needed if the combination of factors results in a severe hazard of corrosion. The steel or concrete in installations that intersect soil boundaries or soil layers is more susceptible to corrosion than the steel or concrete in installations that are entirely within one kind of soil or within one soil layer.

For uncoated steel, the risk of corrosion, expressed as *low*, *moderate*, or *high*, is based on soil drainage class, total acidity, electrical resistivity near field capacity, and electrical conductivity of the saturation extract.

For concrete, the risk of corrosion also is expressed as *low*, *moderate*, or *high*. It is based on soil texture, acidity, and amount of sulfates in the saturation extract.

Custom Soil Resource Report

Soil Features—Oakland County, Michigan									
Map symbol and soil name	Restrictive Layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		<i>In</i>	<i>In</i>		<i>In</i>	<i>In</i>			
EtmaaE— Udorthents and Udipsamments, nearly level to hilly									
Udorthents	Densic material	—	—	Very strongly cemented	—	—	Moderate	Moderate	Low
Udipsamments		—	—		—	—	Low	Low	Moderate

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United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. <http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelprdb1043084>

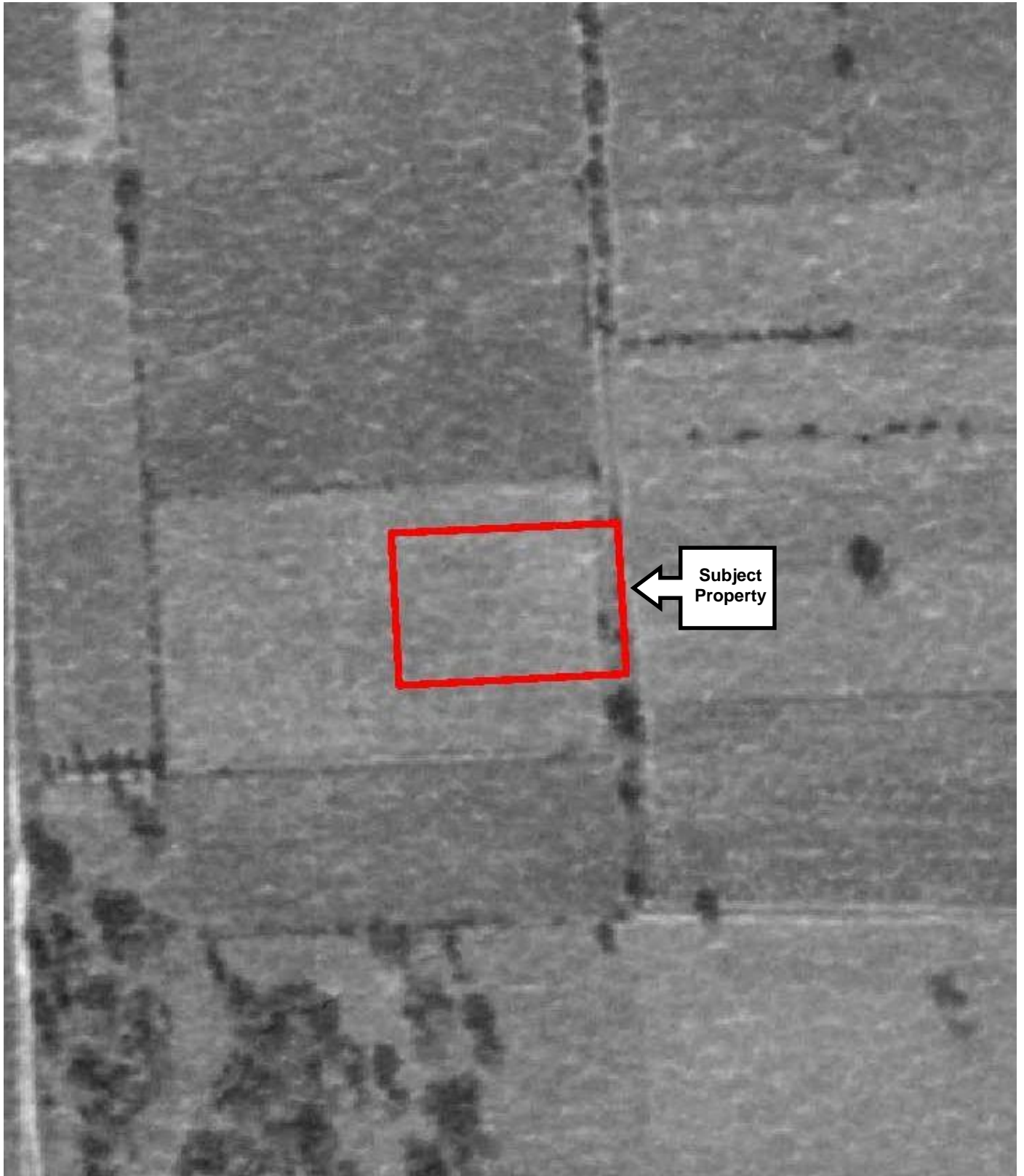
Custom Soil Resource Report

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AERIAL PHOTOGRAPHS

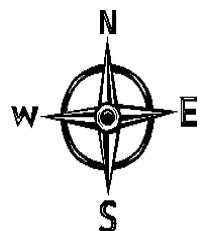


Location: 32285-32333 Mally Drive, Madison Heights, Michigan

PM Project No. 02-7433-0

Aerial Year: 1940

Source: Oakland County



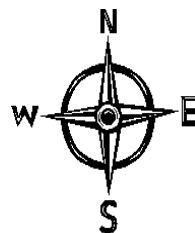


Location: 32285-32333 Mally Drive, Madison Heights, Michigan

PM Project No. 02-7433-0

Aerial Year: 1949

Source: Wayne State University



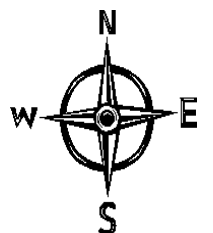


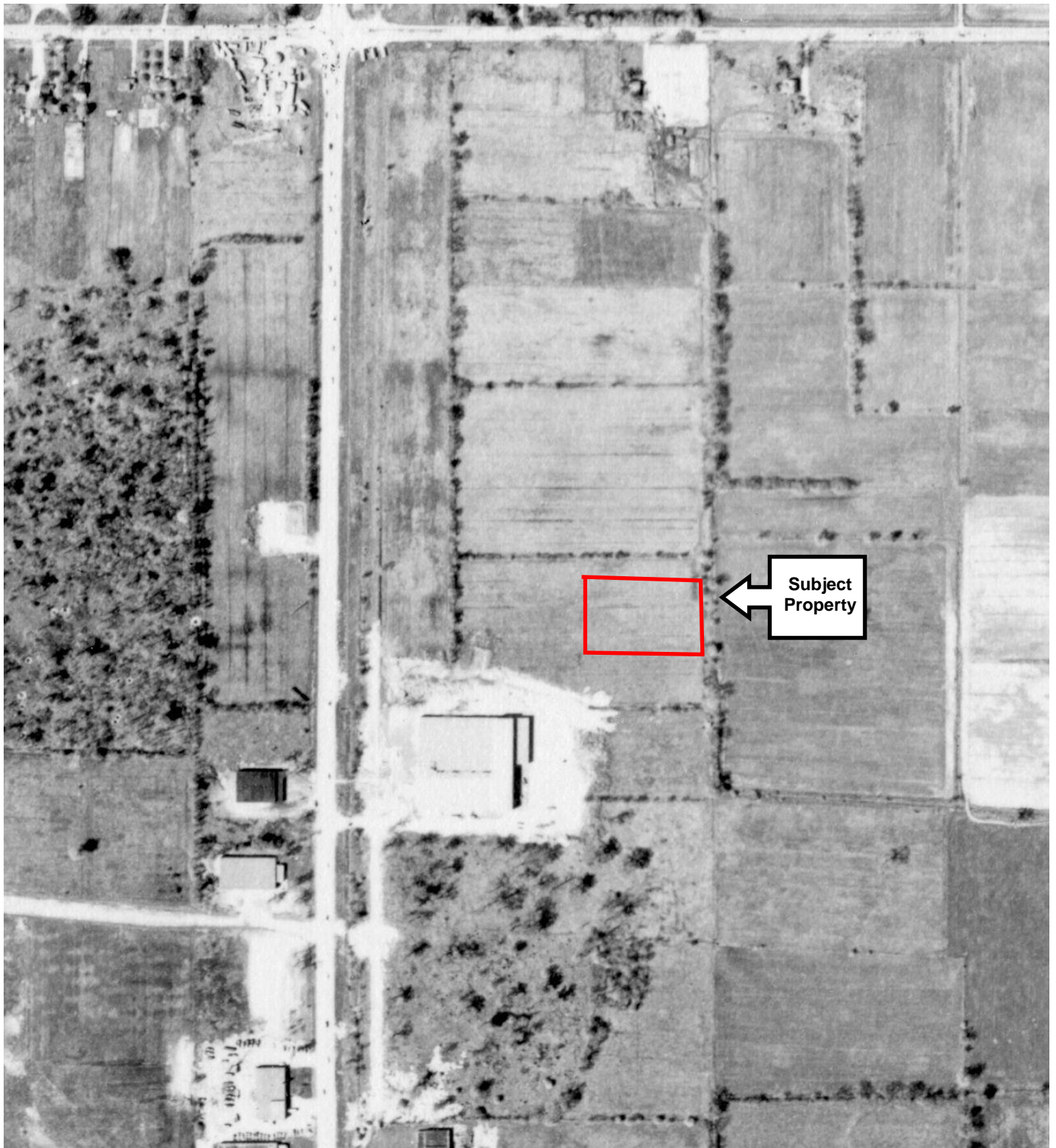
Location: 32285-32333 Mally Drive, Madison Heights, Michigan

PM Project No. 02-7433-0

Aerial Year: 1952

Source: Wayne State University



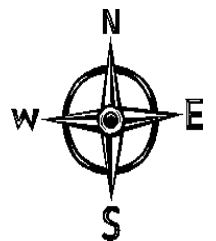


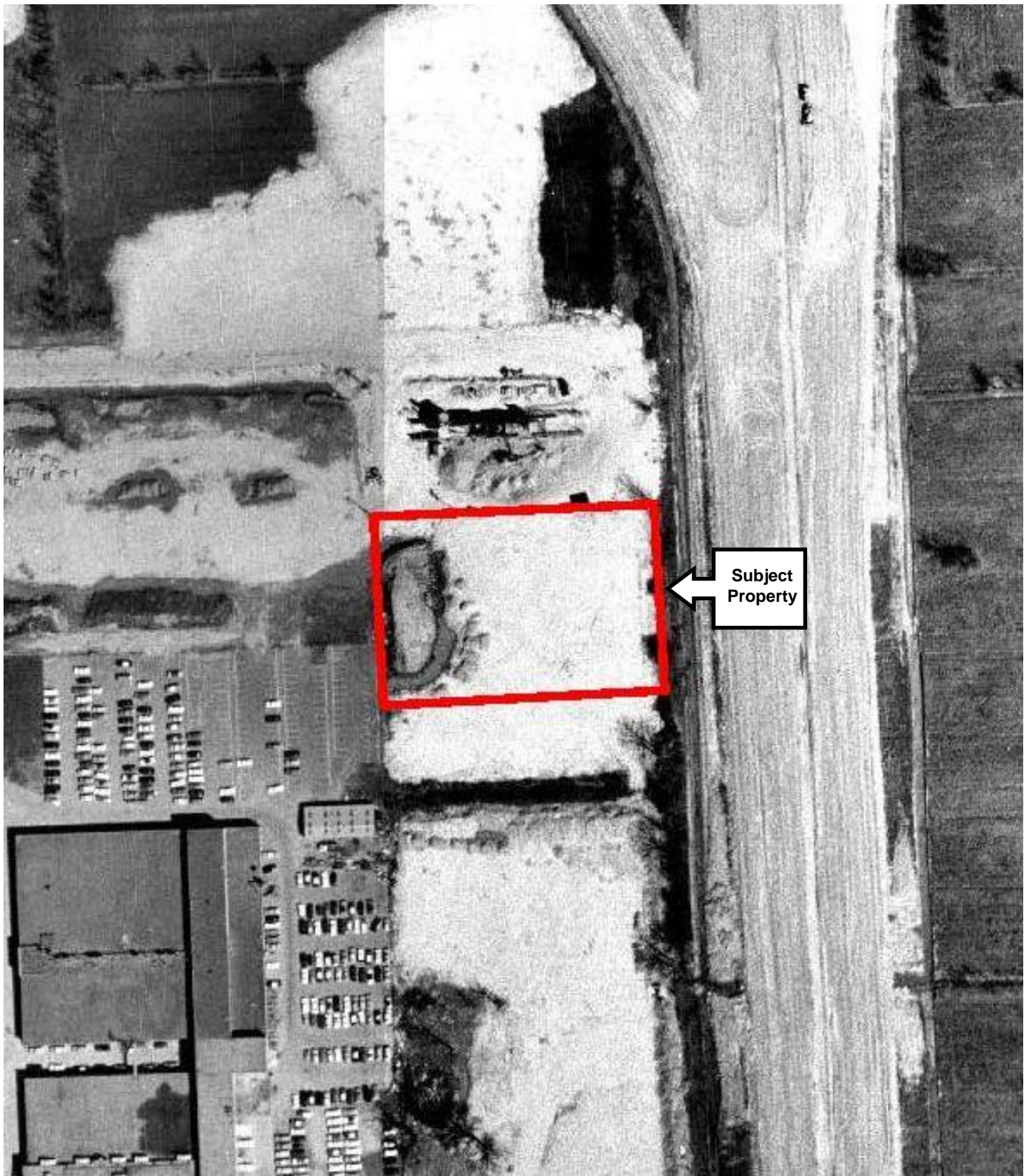
Location: 32285-32333 Mally Drive, Madison Heights, Michigan

PM Project No. 02-7433-0

Aerial Year: 1957

Source: Wayne State University



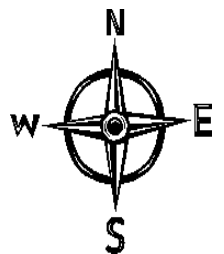


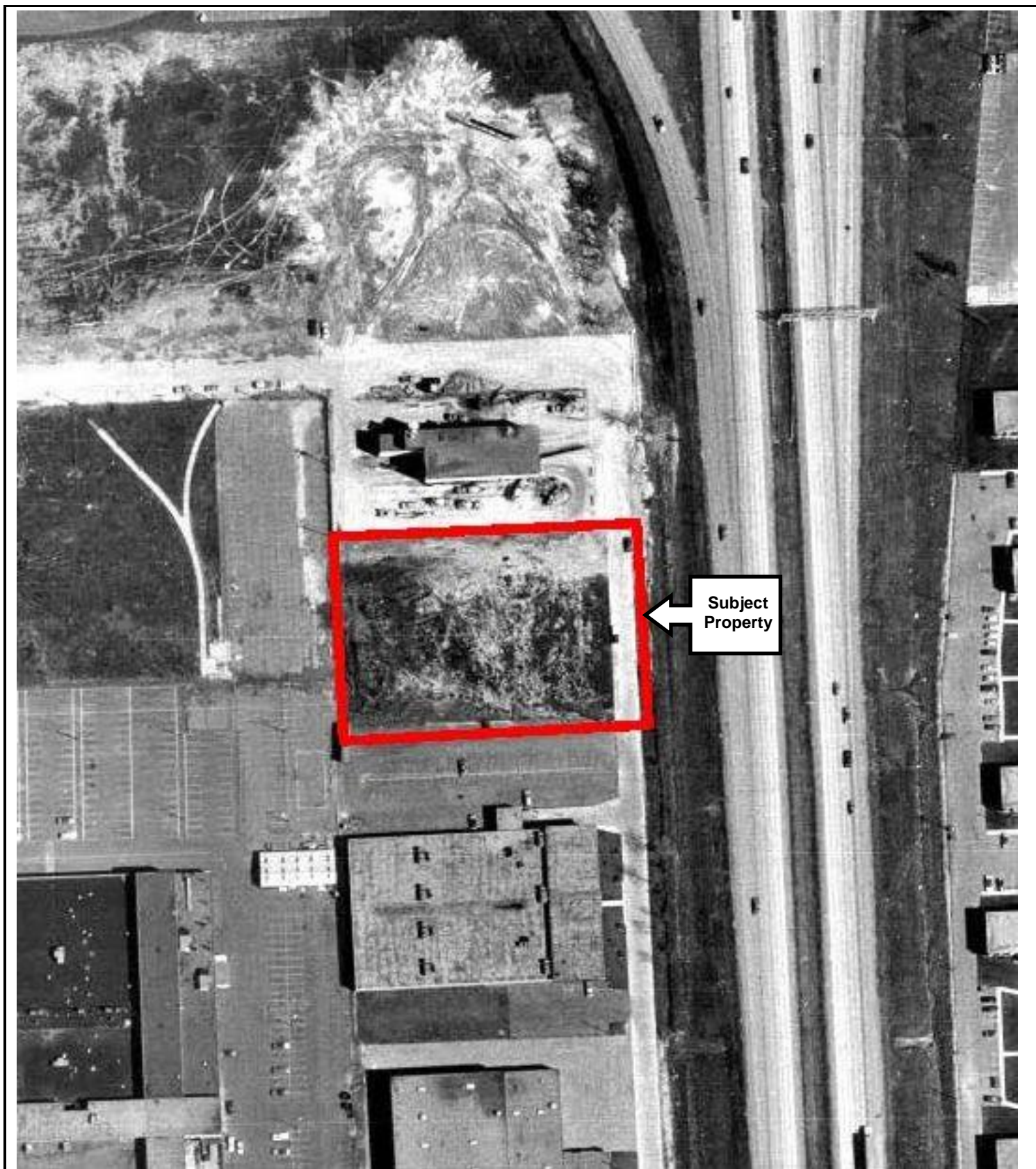
Location: 32285-32333 Mally Drive, Madison Heights, Michigan

PM Project No. 02-7433-0

Aerial Year: 1963

Source: Oakland County



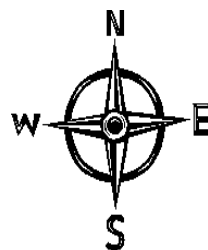


Location: 32285-32333 Mally Drive, Madison Heights, Michigan

PM Project No. 02-7433-0

Aerial Year: 1974

Source: Oakland County





	Location: 32285-32333 Mally Drive, Madison Heights, Michigan	
	PM Project No. 02-7433-0	
	Aerial Year: 1980	
	Source: Oakland County	

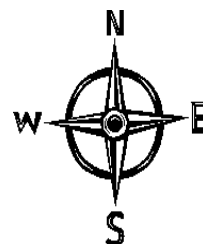


Location: 32285-32333 Mally Drive, Madison Heights, Michigan

PM Project No. 02-7433-0

Aerial Year: 1990

Source: Oakland County



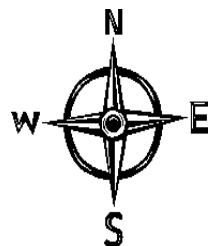


Location: 32285-32333 Mally Drive, Madison Heights, Michigan

PM Project No. 02-7433-0

Aerial Year: 1997

Source: Oakland County



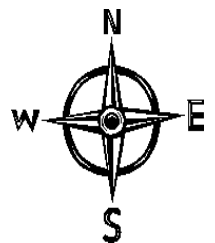


Location: 32285-32333 Mally Drive, Madison Heights, Michigan

PM Project No. 02-7433-0

Aerial Year: 2000

Source: Oakland County



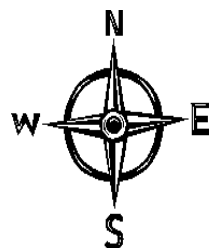


Location: 32285-32333 Mally Drive, Madison Heights, Michigan

PM Project No. 02-7433-0

Aerial Year: 2005

Source: Oakland County



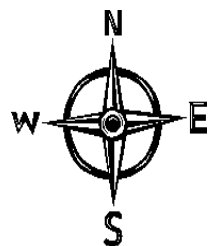


Location: 32285-32333 Mally Drive, Madison Heights, Michigan

PM Project No. 02-7433-0

Aerial Year: 2008

Source: Oakland County





Subject
Property

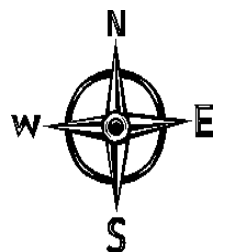


Location: 32285-32333 Mally Drive, Madison Heights, Michigan

PM Project No. 02-7433-0

Aerial Year: 2012

Source: Oakland County



NO SANBORN FIRE INSURANCE MAPS



32285 Mally Drive

32285 Mally Drive

Madison Heights, MI 48071

Inquiry Number: 3955809.5

May 28, 2014

Certified Sanborn® Map Report



6 Armstrong Road, 4th Floor
Shelton, Connecticut 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

5/28/14

Site Name:

32285 Mally Drive
32285 Mally Drive
Madison Heights, MI 48071

Client Name:

PM Environmental, Inc.
3340 Ranger Road
Lansing, MI 48906

EDR Inquiry # 3955809.5

Contact: Erica Smith



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by PM Environmental, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: 32285 Mally Drive
Address: 32285 Mally Drive
City, State, Zip: Madison Heights, MI 48071
Cross Street:
P.O. # 02-7433-0
Project: 02-7433-0
Certification # 9AEB-471D-83FB



Sanborn® Library search results
Certification # 9AEB-471D-83FB

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

The Sanborn Library LLC Since 1866™

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ASSESSING DEPARTMENT RECORDS

General Property Information**City of Madison Heights**[\[Back to Non-Printer Friendly Version\]](#) [\[Send To Printer\]](#)**Parcel:** 44-25-02-176-013

Property Address	[collapse]
32285 MALLY DR # 32333 MADISON HEIGHTS, MI 48071-5508	

Owner Information	[collapse]
MALLY CORPORATION 97 N CASS AVE PONTIAC, MI 48342-2003	Unit: 44

Taxpayer Information	[collapse]
SEE OWNER INFORMATION	

General Information for Tax Year 2013				[collapse]
Property Class:	201 - 201 Bus Imp	Assessed Value:	\$199,840	
School District:	160 - 160 Lamphere	Taxable Value:	\$199,840	
State Equalized Value:	\$199,840	Map #	POST	
PPBusCode	0	Date of Last Name Chg:	09/18/2012	
		Date Filed:		
		Notes:	N/A	
Historical District:	N/A	Census Block Group:	N/A	
Principal Residence Exemption	June 1st	Final		
2014	0.0000 %	-		
2013	0.0000 %	0.0000 %		
Previous Year Info	MBOR Assessed	Final S.E.V.	Final Taxable	
2012	\$227,630	\$197,000	\$197,000	
2011	\$276,070	\$232,000	\$232,000	

Land Information				[collapse]
	Frontage	Depth		
Lot 1:	216.00 Ft.	325.00 Ft.		
Lot 2:	0.00 Ft.	0.00 Ft.		
Lot 3:	0.00 Ft.	0.00 Ft.		
Total Frontage:	216.00 Ft.	Average Depth:	325.00 Ft.	
Total Acreage:	1.61			
Zoning Code:	M-2 HEA			
Total Estimated Land Value:	\$168,480	Mortgage Code:		
Land Improvements:	\$8,440	Lot Dimensions/Comments:		
Renaissance Zone:	NO			
Renaissance Zone Expiration Date:				

ECF Neighborhood Code:	IND
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Legal Information for 44-25-02-176-013[\[collapse\]](#)

T1N, R11E, SEC 2, PART OF NW FRC 1/4 BEG AT PT DIST S 00-09-23 W 1440.34 FT FROM N 1/4 COR, TH S 00-09-23 W 213.95 FT, TH N 89-50-37 W 325.88 FT, TH N 00-55-19 E 218.21 FT, TH S 89-05-32 E 322.99 FT TO BEG 1.61 A


Sales Information

0 sale record(s) found.

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms Of Sale	Liber/Page
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Building Information

1 building(s) found.

Description	Floor Area	Yr Built	Est. TCV
 Commercial/Industrial Building 1 - <i>Industrial, Light Manufacturing</i>	25377 Sq. Ft.	1978	\$229,760

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[Privacy Policy](#)

INDUSTRIAL DATA FIELD SHEET

Date *Completed*
4/8/80

NAME: <i>MALLY BLDG.</i>		LEGAL DESCRIPTION:	
ADDRESS: <i>32285 MALLY RD. - INDUST.</i>		LAND AREA: <i>Partial for 1979 11/15/78</i>	
PERSON INTERVIEWED:		YEAR BUILT: <i>Partial for 1978</i>	APPRAISER: <i>H.G.</i>
TYPE:	CONSTRUCTION:	EXTERIOR WALLS:	
WHSE.:	<input checked="" type="checkbox"/> BEARING WALL:	<input checked="" type="checkbox"/> CONC. BLK.:	
FACTORY:	<input type="checkbox"/> LIGHT STEEL FRAME:	<input type="checkbox"/> FACE BRK./W CONC. BLK.:	<input checked="" type="checkbox"/>
	<input type="checkbox"/> MEDIUM STEEL FRAME:	<input type="checkbox"/> COMMON BRK./W CONC. BLK.:	
	<input type="checkbox"/> RIGID FRAME:	<input type="checkbox"/> SANDWICH PANELS:	
	<input type="checkbox"/> OTHER:	<input type="checkbox"/> SPLIT ROCK:	
		<input type="checkbox"/> PRECAST CONCRETE PANELS:	
<i>32285 MALLY INSTALL LAND IMPROVEMENTS FOR 1978 + SPRAY PAINT</i>			
<i>POOTH IN 84 - TAIL CON</i>			
<i>PERSONAL</i>			
SCREEN WALLS:			<i>922</i>
CONCRETE WALKS:	<i>1496# @ .65</i>		
CONCRETE PAVING:	<i>16206# @ .85</i>		<i>13775</i>
BLACK TOP:	<i>13700# @ .36</i>		<i>4982</i>
BUMPER BLOCKS:	<i>28 @ 10.40</i>		<i>291</i>
CURBING:			
YARD LITES:			
U. G. TANKS:			
OTHER:	<i>3 500 W @ 20</i>		<i>210</i>
TOTAL LAND IMPROVEMENTS:			<i>20180</i>
OFFICE			
BASE RATE X SQ. FT. AREA:			
FLOORS:			
PARTITIONS:			
CER. TILE:			
KITCHEN UNITS:			
VAULT DOORS:			
PASS DOORS:			
OTHER: <i>ALM DOORS 9 TCHRS. @ 465</i>			
<i>GLASS 744# @ 5.00</i>			
TOTAL OFFICE:			<i>3220</i>
			<i>7905</i>
SHOP			
BASE RATE:	<i>3.95</i>	BLDG. HEIGHT:	<i>18.6</i>
CLEARSPAN:		LONGSPAN:	<i>40</i>
TOTAL BASE RATE PER SQUARE FOOT: <i>4.56 X 25377#</i>			<i>115834</i>
EXT. WALL VARIANCE: <i>BRK. 5796# @ 1.95</i>			<i>11302</i>
FLOORS:			
<i>DEDUCT FOR 8" BRK 5796# @ .26</i>			<i>-1507</i>
SHOP BRICK:			
CER. TILE:			
SHOP OFFICES: <i>PARTIONS ARE PORTABLE</i>			<i>N.C.</i>
SHOP PARTITIONS: <i>SEPARATION WALLS FOR 1979 (SEE WORK)</i>			<i>11907</i>
MEZZANINES:			
STAIRS: <i>VINYL FOR 1978 222# @ 40</i>			<i>26756</i>
O.H. DOORS: <i>804# @ 3.90</i>			<i>3136</i>
O.H. DR. MOTORS:			

PASS DOORS:	<i>5 @ 175</i>	<i>825</i>	
FIRE DOORS:			
AUTO. DR. CLOSERS:			
ROLLING STEEL CURTAIN DOORS:			
CRANEWAYS:			
MONITORS:			
SPRINKLERS:	<i>25377# @ .20</i>	<i>17764</i>	
ROOF VENT FANS:			
ROOF LADDERS:			
TRUCKWELLS:			
DOCK LEVELERS:	<i>1 @ 1950 FOR 1979</i>	<i>1950</i>	
DRAIN GRATINGS:			
CANOPIES:	<i>FLOOR DRAIN FOR 1979 @ 30# @ 4.50</i>	<i>195</i>	
OTHER: <i>DISTS 25377# @ .02</i>		<i>508</i>	
<i>4X10 STOOP Indent 5.00</i>		<i>200</i>	
PLUMBING			
LAV. FIXTURES:	<i>2 for 1978 @ 605 12 FOR 1979 @ 605 ADD 4 PCS. FOR 1981</i>	<i>1210</i>	
SHOWERS:	<i>FOR 1991 ADD 2 PCS (13,915)</i>	<i>1995</i>	
SINKS:	<i>1 @ 605 FOR 1979</i>	<i>605</i>	
DRK. FTN.:			
BRADLEY'S:			
H. W. HEATER:			
MET. PARTITIONS:	<i>2 FOR 1979 @ 145</i>	<i>290</i>	
OTHER:			
ELECTRICAL			
K.V.A. TRANSF.:			
SERVICE:	<i>NO PERMIT USE 1000 @ 2.60 FOR 1979</i>	<i>2600</i>	
DISTRIBUTION:	<i>2000 FOR 1979 @ 1.30 FOR 1981 ADD 320</i>	<i>2600</i>	
BUS DUCTS:		<i>3016</i>	
TROLLEY DUCTS:			
OFFICE LITING:	<i>9680# FOR 1979 @ 1.23 FOR 1981 ADD 880#</i>	<i>11759</i>	
SHOP LITING:	<i>9680 " " 1.04 FOR 1981 ADD 3120#</i>	<i>12272</i>	
OTHER:	<i>4 Plastic Sky Lights = 36# FOR 1979 @ 5.20 FOR 1981 ADD 16#</i>	<i>1872</i>	
HEATING & AIR CONDITIONING			
GAS F.H.A.:			
H. W. BASEBOARD:			
H. W. RADIATORS:			
H. W. BLOWER UNITS:			
CEILING HUNG GAS FIR.: <i>FOR 1979 APPROX. 15700 @ .63</i>			<i>9576</i>
HEATING & AIR COND. COMB.:			
OTHER: <i>FOR 1979 A.C. APPROX. 10160# @ 3.15</i>			<i>32004</i>
TOTAL SHOP:			<i>152316</i>
TOTAL LAND IMPROVEMENTS:			<i>20180</i>
TOTAL BUILDING:			<i>255430</i>
TOTAL LAND IMPR. & BUILDING:			<i>268316</i>
TOTAL SQUARE FOOT COST:			<i>275610</i>
REMARKS: <i>IN 1980 ADD 32285 MALLY (address)</i>			

FIRE DEPARTMENT RECORDS

May 28, 2014

City of Madison Heights Fire Department
Attn: Fire Marshall
31313 Brush
Madison Heights, MI 48071

Dear Fire Marshall,

Please accept this as a Freedom of Information Act (FOIA) requesting to *review*, and possibly make copies of information in your files relative to the following site located in Madison Heights, Michigan:

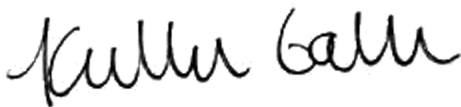
32285 Mally Drive, Madison Heights (PID: 44-25-02-176-013)

Information we are interested in obtaining includes:

- Records of emergency responses or HAZMAT responses
- Illegal Dumping
- Historic records of UST/ASTs
- Spill Prevention Control and Countermeasures Plans
- Community Right to Know Chemical listings

Please call me when records are ready to review, and to discuss additional fees PRIOR to copying or sending information. A check for \$25 is enclosed, if you have any questions please call me at 248-414-1422. Thank you.

Sincerely,
PM Environmental, Inc.



Kristin Gable
Regional Manager
4080 West 11 Mile Rd
Berkley, MI 48072

MADISON HEIGHTS FIRE DEPARTMENT

31313 BRUSH

MADISON HEIGHTS, MICHIGAN 48071-1847

248-588-3605

GREG LELITO
FIRE CHIEF
248-837-2833



SHAWN KNIGHT
FIRE MARSHAL
248-837-2871

RECEIVED
6/5/14 AH

FREEDOM OF INFORMATION ACT

Re: FOIA request for 32285 Mally Drive. Madison Heights, MI 48071

This department is in receipt of your request for information of environmental significances related to the above referenced property. After careful review, the Madison Heights Fire Department in accordance with the Freedom of Information Act has approved your request.

In reviewing your request to review information and/or copies of files kept in the ordinary course of business by the City of Madison Heights Fire Department as they pertain to the above address regarding any/all environmental issues, no environmental concerns were noted.

Date: 6/2/2014

Approved by: Rachel Emerick

MADISON HEIGHTS FIRE DEPARTMENT

HAZARDOUS CHEMICAL SURVEY

A. Address

32295 MALLY DR

Telephone Number

810 585-6670

B. Name of Premises/Business

ABELL PEST CONTROL

C. Emergency Contacts

(Including Private Alarm/Security Companies)

Name/Title

Home Telephone Number

1. ROB FRENETTE

1-519-735-7702

2. ADT SECURITY

1-810-583-2400

3. RAY BOWERS

1-810-673-4876

4.

D. Hazardous Chemicals - (Use Additional Sheet if Necessary)

Material

Quantity

DOT Number

1.

see inventory list

2.

high lighter show Hazardous

3.

4.

5.

6.

7.

8.



OFFICE AND TRUCK INVENTORY FOR DETROIT FOR THE MONTH OF DECEMBER 1993

PAGE 2 OF 3

<u>PRODUCT</u>	<u>UNIT</u>	<u>LAST</u>	<u>CURRENT</u>
[REDACTED]	EACH	0	0
[REDACTED]	EACH	1	1
VENGEANCE THROW PKS 3 # PAIL	EACH	0	0
TRAPPER GLUE BOARDS BOXES	EACH	0	0
TRAPPER GLUE /GALLON	EACH	3	3
TRAPPER MONITOR GLBD 100/CTN	EACH	9	7
TRAPPER LTD GLUEBOARD/MICE 72/CTN	EACH	10	3
TRAPPER GLBD/RATS 24/CTN	EACH	3	1CASE
RAT STN 9 X 6 CARDBOARD	EACH	0	0
PCO RAT & MOUSE BAIT 25# PAIL	EACH	2	0
FINAL 25 # PAIL	EACH	3	3
[REDACTED]	EACH	3	2
EMPIRE 16 OZ BOTTLE	EACH	18	7
PRECOR 1 OZ	EACH	4	3
VENGEANCE PELLETS 3 # PAIL	EACH	0	0
CONTRAC BLOX 20 LB PAIL	EACH	8	4
PEST STRIPS	EACH	22	13
PT 4 ALLURES	EACH	2	1
DI-BLOX 20 LB PAIL	EACH	2	0
[REDACTED]	CASE	0	0
[REDACTED]	BOX	0	0
[REDACTED]	BOX	0	0
WHITMIRE PT 515 WASP FREEZE	EACH	10	1
VICTOR CARDBD MICE STNS 100/	CASE	0	0
BULB DUSTER	EACH	6	6
HAVAHART TRAPS	EACH	4	3
BLUE DIAMOND PASTE 1 LB JAR	CASE	5	2
[REDACTED]	EACH	1	3
[REDACTED]	CASE	9	9
[REDACTED]	EACH	0	0
KILL MIST(AIR FRESH)12/7 OZ	CASE	0	1
KILL MIST(AIR FRESH) 7 OZ	CASE	26	1
[REDACTED]	CASE	0	0 BOTTLES
[REDACTED]	EACH	0	0
LIQUA-TOX (BELL)50/1 OZ	CASE	1	13PK
[REDACTED]	EACH	13	13
[REDACTED]	EACH	5LB	1

OFFICE AND TRUCK INVENTORY FOR DETROIT FOR THE MONTH OF DECEMBER 1993

PAGE 1 OF 3

<u>PRODUCT</u>	<u>UNIT</u>	<u>LAST</u>	<u>CURRENT</u>
TIME MIST	EACH	0	2
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
KILMASTER II 7 GALLON	EACH	2	1
INSECT-O-CUTOR 2489	EACH	1	1
GOLD STICK	EACH	22	22
MAXFORCE ROACH 72/	CARTON	2	1
MAXFORCE ANT	CASE	3	2
[REDACTED]	EACH	0	0
[REDACTED]	CARTON	14	14
[REDACTED] 420 G JAR	EACH	1	3
[REDACTED]	EACH	1	1
[REDACTED]	CARTON	2PKS	2
[REDACTED] CAN	EACH	0	0
[REDACTED] 210 LB CAN	CASE	3	2
[REDACTED] 270 LB CAN	EACH	0	0
[REDACTED] 270 LB CAN	EACH	0	0
[REDACTED] 300 LB CAN	CASE	4	4
[REDACTED] 40Z	CASE	3	2
[REDACTED] PT 3-6-10 15 LB	EACH	2	2
[REDACTED]	EACH	0	0
[REDACTED] 10 LB	EACH	0 BAGS	0
KETCHALLS	EACH	39	1
PROTECTA LARGE (RATS)	EACH	12	1
ROTECTA SMALL JR (MICE)	EACH	3	2
EATONS 4 THE BIRDS CARTRIDGE	EACH	0	0
RODENT BAITERS/MICE	CASE	217	4
RODENT BAITERS/RATS	CASE	2	2
B/S BAIT STN PAPER 6 X 6 MICE	EACH	138	138
OPEN BAIT TRAYS	EACH	1196	1196
GIANT DESTROYER	EACH	42	42
[REDACTED]	CASE	3	3
[REDACTED] BOTTLE	EACH	9	6
[REDACTED] BOX	EACH	0	0
[REDACTED]	EACH	3	3
RAT TRAPS M4	EACH	4	4
MOUSE TRAPS M7	EACH	72	72
PYRONYL OIL CONCEN-OR3610	EACH	16	3
WHITMIRE PT 270 DURS B 15 LB	EACH	3	3

OFFICE AND TRUCK INVENTORY FOR DETROIT FOR THE MONTH OF DECEMBER 1993

PAGE 3 OF 3

<u>PRODUCT</u>	<u>UNIT</u>	<u>LAST</u>	<u>CURRENT</u>
TIME MIST MACHINE	EACH	2	1CASE
ORANGE BLOSSOM 702	EACH	6	6
V [REDACTED] 8 OZ	CASE	16	15
W [REDACTED] 8 OZ	EACH	0 BOTTLES	0
HOTFOOT BIRD REPELLANT/18	CASE	66	3
HOTFOOT BIRD REPELLANT CRT	EACH	0	11
VICTOR FLY MACHINE	EACH	2	3
CYNOFF INSECTICIDE/1LB JAR	EACH	6	4
TANGLEFOOT BIRD REPELLENT	EACH	47	3 CASE
[REDACTED]	EACH	24	1
CATCHMASTER GLUEBOARDS RATS	EACH	6	6
DRAX ANT GELL 12 OZ.	BOTTLES	7	7
RO-PEL 1 PINT	BOTTLES	1	1
DURSBAN 1 G	10 LB BAG	7	5
[REDACTED] R	2 LB. CAN	18	5
[REDACTED]	1 LB. JAR	1	0
BORID	25 LB DRUM	1	2
VECTRIN	CASE	1	2
GOPHA RID	1 LB JAR	6	8
4 THE BIRDS LIQUID	1 GAL	2	2
MANTIS UNITS	EACH	3	1
VICTOR FLYING INSECT TRAPS	EACH	8	8
SNAKE-A-WAY	4 LB JAR	1	1
[REDACTED]	14 OZ.	24	3CASES
GENCOR	EACH	1	1
MOUSE BAIT STATION M321	CASE	0	3
RAT BAIT STATION M322	CASE	0	3
[REDACTED]	CASE	0	1
DITRAC BLOCK	18LB	0	2
[REDACTED]	EACH	0	3
PRECOR FOGGER	CASE	1	1

HEALTH DEPARTMENT RECORDS

VIA FACSIMILE (248) 452-9758

May 28, 2014

FOIA Coordinator
Environmental Health Services
Oakland County Health Division
County Complex
1200 North Telegraph Road
Pontiac, MI 48341

Dear FOIA Coordinator:

Please accept this request for copies of information in your files relative to the following site:

32285 Mally Drive, Madison Heights (PID: 44-25-02-176-013)

Information we are interested in obtaining includes:

- Results of water quality testing, conducted on any Type II water wells located on the property
- Well log and septic information
- Individual files that are available for the site which may include records of health department inspections, and violations
- Any records of dry cleaning operations at the site
- Any indications of USTs or ASTs located on the site.

Please contact us regarding the availability of information and potential fees associated with reproduction, *prior to reproducing any material*. We anticipate that a sanitarian will answer these questions only to their best of his/her knowledge without the need for extraneous research. We would appreciate any assistance in receiving information as soon as possible due to our scheduled deadlines. We do not need any food related records.

Please call me at 517-325-9876 or email me at esmith@pmenv.com if you have any questions or concerns regarding this request. Please fax your response to my attention at 877-884-6775 or, if it is too large, mail to the address below. Thank you.

Sincerely,
PM Environmental, Inc.,



Erica Smith
Research Consultant
3340 Ranger Road
Lansing, MI 48906
PME Project No. 02-7433-0

VIA FACSIMILE (248) 452-9758

June 12, 2014

FOIA Coordinator
Environmental Health Services
Oakland County Health Division
County Complex
1200 North Telegraph Road
Pontiac, MI 48341

Dear FOIA Coordinator:

Please accept this request for copies of information in your files relative to the following site:

32285-32333 Mally Drive, Madison Heights (PID: 44-25-02-176-013)

Information we are interested in obtaining includes:

- Results of water quality testing, conducted on any Type II water wells located on the property
- Well log and septic information
- Individual files that are available for the site which may include records of health department inspections, and violations
- Any records of dry cleaning operations at the site
- Any indications of USTs or ASTs located on the site.

Please contact us regarding the availability of information and potential fees associated with reproduction, *prior to reproducing any material*. We anticipate that a sanitarian will answer these questions only to their best of his/her knowledge without the need for extraneous research. We would appreciate any assistance in receiving information as soon as possible due to our scheduled deadlines. We do not need any food related records.

Please call me at 517-325-9876 or email me at esmith@pmenv.com if you have any questions or concerns regarding this request. Please fax your response to my attention at 877-884-6775 or, if it is too large, mail to the address below. Thank you.

Sincerely,
PM Environmental, Inc.,



Erica Smith
Research Consultant
3340 Ranger Road
Lansing, MI 48906
PME Project No. 02-7433-0



Department of Health & Human Services

oakgov.com/health

L. BROOKS PATTERSON, OAKLAND COUNTY EXECUTIVE

Kathleen Forzley, RS, MPA, Manager
HEALTH DIVISION

June 3, 2014

ERICA SMITH
PM ENVIRONMENTAL INC
3340 RANGER ROAD
LANSING MI 48906

**RE: FOIA REQUEST: 32285 MALLY DRIVE, MADISON HEIGHTS, OAKLAND COUNTY,
MI. PARCEL #: 44-25-02-176-013. PROJECT #: 02-7433-0**

Dear Ms. Smith:

Your request is approved in part and denied in part. Per your request and a review of our records, the Oakland County Health Division (OCHD) has no information regarding on-site sewage disposal permits, water sample results, Type II files, well logs, or water well permits for the captioned property. This Division does not maintain files for LUSTs, ASTs or USTs for this site. OCHD does not maintain files for dry cleaning operations on this site. There is a ground water ordinance for Madison Heights.

PROVIDED:

Copies of ordinance number 1065

Your request for information regarding "...health department inspections, and violations..." is denied for the reason that it fails to meet conditions of MCL 15.233(1) of the Freedom of Information Act, Act 442 of 1976 (FOIA), in that it does not describe a public record sufficiently to enable the public body to find the public record.

If you wish to modify your request by providing a complete list of specific concerns and properties, with date ranges for the information you desire, OCHD will provide available information in compliance with the FOIA.

It is recommended that you contact the Michigan Department of Licensing and Regulatory Affairs and the Michigan Department of Environmental Quality as those agencies have regulatory authority over certain environmental pollutants and monitoring activities. Similarly, it is advised that you contact the local water supply and sewer agencies as they may have authority over certain aspects of the captioned property. If you have any questions, please contact this Division at (248) 858-1312.

YOUR FURTHER LEGAL RIGHTS

To the extent that this response, in your opinion, constitutes a denial of your FOIA rights under the Michigan Freedom of Information Act, your statutory remedies under MCL 15.240, as required to be provided to you by the statute, are as follows:

a:\ehs\32285 Mally Drive.doc FOIA

NORTH OAKLAND HEALTH CENTER
1200 NORTH TELEGRAPH ROAD
PONTIAC MICHIGAN 48341-0432
General Information 248-858-1280

SOUTH OAKLAND HEALTH CENTER
27725 GREENFIELD ROAD
SOUTHFIELD MICHIGAN 48076-3663
General Information 248-424-7000


MCL 15.240

- (1) If a public body makes a final determination to deny all or a portion of a request, the requesting person may do 1 of the following at his or her option:
 - (a) Submit to L. Brooks Patterson, Oakland County Executive, a written appeal that specifically states the word "appeal" and identifies the reason or reasons for reversal of the denial.
 - (b) Commence an action in the circuit court to compel the public body's disclosure of the public records within 180 days after a public body's final determination to deny the request.
- (2) Within 10 days after receiving a written appeal pursuant to subsection (1)(a), the head of the public body shall do one of the following:
 - (a) Reverse the disclosure denial.
 - (b) Issue a written notice to the requesting person upholding the disclosure denial.
 - (c) Reverse the disclosure denial in part and issue a written notice to the requesting person upholding the disclosure denial in part.
 - (d) Under unusual circumstances, issue a notice extending for not more than 10 business days the period during which the head of the public body shall respond to the written appeal. The head of the public body shall not issue more than one notice of extension for a particular written appeal.
- (3) A board or commission that is the head of a public body is not considered to have received a written appeal under subsection (2) until the first regularly scheduled meeting of that board or commission following submission of the written appeal under subsection (1)(a). If the head of the public body fails to respond to a written appeal pursuant to subsection (2), or if the head of the public body upholds all or a portion of the disclosure denial that is the subject of the written appeal, the requesting person may seek judicial review of the nondisclosure by commencing an action in the circuit court under subsection (1)(b).
- (4) In an action commenced under subsection (1)(b), a court that determines a public record is not exempt from disclosure shall order the public body to cease withholding or to produce all or a portion of a public record wrongfully withheld, regardless of the location of the public record. The circuit court of the county in which the complainant resides or has his or her principal place of business, or the circuit court for the county in which the public record or an office of the public body is located has venue over the action. The court shall determine the matter de novo and the burden is on the public body to sustain its denial. The court, on its own motion, may view the public record in controversy in private before reaching a decision. Failure to comply with an order of the court may be punished as contempt of court.
- (5) An action commenced under this section and appeal from an action commenced under this section shall be assigned for hearing and trial or for argument at the earliest practicable date and expedited in every way.
- (6) If a person asserting the right to inspect, copy, or to receive a copy of all or a portion of a public record prevails in an action commenced under to this section, the court shall award reasonable attorneys' fees, costs, and disbursements. If the person or the public body prevails in part, the court may, in its discretion, award all or an appropriate portion of reasonable attorneys' fees, costs, and disbursements. The award shall be assessed against the public body liable for damages under subsection.

- (7) If the circuit court determines in an action commenced under this section that the public body has arbitrarily and capriciously violated this act by refusal or delay in disclosing or providing copies of a public record, the court shall award, in addition to any actual or compensatory damages, punitive damages in the amount of \$500.00 to the person seeking the right to inspect or receive a copy of a public record. The damages shall not be assessed against an individual, but shall be assessed against the next succeeding public body, that is not an individual and that kept or maintained the public record as a part of its public function.

Sincerely,

**OAKLAND COUNTY HEALTH DIVISION
Department of Health and Human Services**



Richard C. Peresky, R.E.H.S., M.S.
Senior Public Health Sanitarian
Environmental Health Services

cc: Anthony Drautz, R.S., M.S.A., Administrator, Environmental Health Services

ORDINANCE NO. 1065

CITY OF MADISON HEIGHTS
OAKLAND COUNTY, MICHIGAN

AMENDMENT TO CODE OF ORDINANCES

An Ordinance to amend Chapter 29, Article II (Water), Division 3 (Connection and Use) of the Code of Ordinances of the City of Madison Heights by adding Section 29-54, entitled "Groundwater Well Regulations", to protect the public health and safety by prohibiting the use of groundwater wells within the City.

THE CITY OF MADISON HEIGHTS ORDAINS:

Section 1.

That Chapter 29, Article II, Division 3, of the Code of Ordinances, City of Madison Heights, Michigan, is hereby amended by adding a new section, Section 29-54, as follows:

Sec. 29-54. Groundwater Well Regulations.

(a) Purpose and Intent.

The City Council finds that protection of groundwater resources is in the best interest of the public health and safety, and that such protection is best achieved if the use of groundwater wells and the water supplied from such wells for human consumption, irrigation, or other purposes is prohibited within the City.

(b) Definitions. The following definitions shall apply in the interpretation and enforcement of this article:

- (1) "Abandoned well"* means a well that has been plugged in accordance with the Michigan Water Well Construction and Pump Installation Code.
- (2) "City"* means the City of Madison Heights.
- (3) "Contaminated groundwater"* means groundwater in which there is present concentrations of materials that exceed the residential drinking water criteria established by the MDEQ in operational memoranda or rules promulgated pursuant to Part 201, Environmental Remediation (MCL 324.20101 et seq. and as amended from time to time), or Part 213, Leaking Underground Storage Tanks (MCL 324.21301A et seq. and as amended from time to time), of the Natural Resources and

Environmental Protection Act, 1994 PA 451, as amended, MCL 324.101 et seq., dependent upon whether the release is regulated pursuant to Part 201 or Part 213.

- (4) "*Deputy City Manager*" is the Deputy City Manager for Public Services, or, in his absence, his duly designated and acting representative
- (5) "*Exacerbation*" means any activity with respect to existing contamination that causes the contamination to migrate beyond the property boundaries or any change in facility conditions that increases response activity costs for cleaning up the contamination.
- (6) "*Groundwater*" means underground water within the zone of saturation without regard to whether that underground water is within an aquifer.
- (7) "*Hazardous substance*" shall have the same meaning as that term has in M.C.L. 324.20201 (1) (t).
- (8) "*Human consumption*" means use in any food or drink intended for human ingestion, use in food preparation or food service, use in the interior of a dwelling unit for household purposes, and use in any building for personal washing, ingestion, or bodily cleaning.
- (9) "*Irrigation*" means the application of water or wastewater to land areas to satisfy the water and nutrient needs of plants.
- (10) "*MDEQ*" means the Michigan Department of Environmental Quality, including any successor agency.
- (11) "*New well*" means any well installed after the effective date of this chapter and any well requiring major maintenance, which includes but is not limited to redrilling or replacement of casing.
- (12) "*OCHD*" means the Oakland County Health Department.
- (13) "*Person*" means any individual, co-partnership, corporation, association, club, joint venture, estate, trust, and any other group or combination acting as a unit, and the individuals constituting such group or unit, and any other legal person.
- (14) "*Release*" means a "*release*" as defined in Part 201, Environmental Remediation (MCL 324.10101 et seq. as amended from time to time), or Part 213, Leaking Underground Storage Tanks (MCL 324.21301A et seq. as amended from time to time), of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, MCL

324.101 et seq., dependent upon whether an underground storage tank is involved.

- (15) "*U.S. EPA*" means the United States Environmental Protection Agency, including any successor agency or delegated agency.
- (16) "*Water Bureau*" means the Water Bureau of the MDEQ or its successor, bureau or division.
- (17) "*Well*" means an opening in the surface of the earth for the purpose of removing fresh water or water contaminated with hazardous substances or a test well, monitoring well, recharge well, waste disposal well or a well used temporarily for dewatering purposes during construction.

(c) *Wells and groundwater use prohibited.*

- (1) *New wells.* Except as provided in Section 29-54 (d) of this chapter, no person, lessee or tenant or legal entity who has an ownership interest or exercises any control over any property shall install or utilize, or allow, permit or provide for the installation or utilization of a new well.
- (2) *Existing wells.* Except as provided in Section 29-54 (d) of this chapter, no person, lessee, tenant or legal entity with a legal interest in a property shall use or allow or permit or provide for the use of an existing well on any property in which they have an ownership interest.

(d) *Exceptions.* A person may install or utilize, or allow, permit or provide for the installation or utilization of a well within the City if any of the following exceptions applies and the requirements for the exception are met. Any wells permitted under this section shall comply with all laws, rules, regulations, permits and license requirements, orders or directives regarding the installation, use and abandonment of the well.

- (1) *Groundwater monitoring.* A well may be installed or utilized for groundwater monitoring or remediation as part of response activities approved by the MDEQ or U.S. EPA (if the U.S. EPA has jurisdiction of any issue affected by the well) or consistent with a plan meeting the requirements of applicable federal or state environmental law, without prior approval or issuance of a permit by the City.
- (2) *Construction dewatering.* A well may be installed and/or used for construction dewatering, subject to issuance of a well permit by the City, if the following conditions are satisfied:

- (i) Written notice of the existence of the well is given to the OCHD, Water Bureau, and Deputy City Manager;
 - (ii) The use of the dewatering well will not result in unacceptable exposure to contaminated groundwater, possible cross-contamination between saturated zones, or adverse hydrogeological effects on contaminated groundwater plumes. The burden and cost of making the determinations under this subsection and properly handling and disposing of water shall be borne solely by the person proposing to install the dewatering well, which costs shall include the actual cost for the City's staff or professional contractors reviewing such determinations and issuance of any permit required under this Chapter;
 - (iii) The water generated by the dewatering well is properly handled and disposed of in compliance with all applicable laws, rules, regulations, permit and license requirements, and orders and directives of any governmental entity or agency of competent jurisdiction; and,
 - (iv) Any exacerbation of contaminated groundwater, or any release of hazardous substances or any violation of any other federal, state, or local law which is caused by the installation or use of the well under this exception shall be the responsibility of the person operating the dewatering well, to remedy as provided in Part 201 of the Natural Resources and Environmental Protection Act, being MCL 324.20101 et seq. as amended from time to time.
- (e) *Public Emergencies.* A well may be used in the event of a public emergency, in the sole determination of the City.
- (f) *Right-of-Way Permit Required.* Under this section, a right-of-way permit shall be required prior to installing any well in the public right-of-way except in the case of a public emergency.
- (g) *Nonconforming well.* Any existing well, the use of which is prohibited by Section 29-54 (a), (c), and (d), except as otherwise permitted by 29-54 (d), shall be plugged or abandoned by the person having an ownership interest in the premises or by the lessee or tenant or other person in control of the premises unless Section 29-54 (h) applies. Any plugging or abandonment of wells shall be done in conformance with all applicable laws, rules, regulations, permit or license requirements, orders and directives of the OCHD, Water Bureau or any other governing entity, agency or court of competent jurisdiction. Proof of abandonment and plugging shall be provided to the City, in addition to any other applicable authorities, within 90 days of such closure.

- (h) *Use of Section 29-54 as an Institutional Control Mechanism.* Any person involved in preparing a response action plan dealing with contaminated groundwater who seeks to use the provisions of this Section as an institutional control acceptable to MDEQ, must:
- (i) Locate and identify, by all means practicable, all existing wells;
 - (ii) At no cost to the well owner, properly plug all wells being used for purposes other than those allowed in Section 29-54 (d), in accordance with the Michigan Water Well Construction and Pump Installation Code;
 - (iii) Provide well closure records of all wells plugged to OCHD, City and MDEQ; and,
 - (iv) If a well that is closed and plugged under this subsection was being used, the person using this section shall connect the premises being served by it to the municipal water supply, in accordance with this Article and all applicable federal, state, and local requirements, and shall pay all fees and costs associated with the connection so that there is no cost to the well owner.
- (i) *Issuance of Permits.* No person shall dig or drill a well upon any lands within the City pursuant to this Chapter without having first secured a permit therefore from the City and paying all fees and costs required hereunder for the issuance of the permit. Additional costs or fees incurred under this Section shall be billed to the applicant, and shall be paid by the applicant within thirty days. The City may attach a lien to any property for which any costs or fees under this Section remain unpaid after thirty days. The form of permit and any fee for any permit issued under this Section shall be determined by the City Council.
- (j) *Enforcement Responsibility.* The Deputy City Manager or the Deputy City Manager's designee shall be responsible for the enforcement of this Section.
- (k) *Violations.* Any person, firm or corporation violating any of the provisions of this section shall be deemed guilty of a misdemeanor punishable by imprisonment for not more than 93 days or a fine of not more than \$500.00 or both. In addition, the City may seek an order from a court of competent jurisdiction to restrain any person from violating this chapter, including the collection of costs and attorney fees associated with the enforcement action.
- (l) *Nuisance.* Any well which does not conform to this Section is hereby declared and deemed a public nuisance, and is declared to be offensive to the public health and safety, subject to abatement, and shall be immediately taken out of service and properly and lawfully abandoned. Any existing well,

the use of which is prohibited by this Section, shall be plugged or abandoned in conformance with all applicable laws, regulations, rules, permit and license requirements, orders and directives of any governmental entity or agency of competent jurisdiction, or, in the absence of applicable law, rule, regulation, requirement, order, or directive, in conformance with the protocol developed consistent with the American Society for Testing and Materials ("ASTM") Standard #D5299-92. Any person found to be responsible for installing, permitting, maintaining or using such well is subject to being ordered by a court of competent jurisdiction to properly and lawfully remove or abandon such well.

- (m) All Ordinances or parts of Ordinances in conflict with this Ordinance are repealed only to the extent necessary to give this Ordinance full force and effect.
- (n) Should any section, subdivision, clause, or phrase of this Ordinance be declared by a Court of competent jurisdiction to be invalid, the validity of the Ordinance as a whole, or in part, shall not be affected other than the part invalidated.
- (o) All proceedings pending and all rights and liabilities existing, acquired or incurred at the time this Ordinance takes effect are saved and may be consummated according to the law in force when they commenced.
- (p) This Ordinance as ordered shall take effect ten (10) days after its adoption and upon publication.
- (q) A copy of this Ordinance may be inspected or purchased at the City Clerk's office between the hours of 8:00 a.m. and 4:30 p.m. on regular business days.

CERTIFICATION:

I, the duly authorized Clerk of the City of Madison Heights, do hereby certify that the foregoing is a true and correct copy of an Ordinance adopted by the Madison Heights City Council on April 13, 2009.

Marilyn J. Haley
City Clerk

ADOPTED: April 13, 2009
PUBLISHED: April 17, 2009
EFFECTIVE: April 23, 2009

ORDINANCE NO. 1065

AMENDMENT TO CODE OF ORDINANCES

An Ordinance to amend Chapter 29, Article II (Water), Division 3 (Connection and Use) of the Code of Ordinances of the City of Madison Heights by adding Section 29-54, entitled "Groundwater Well Regulations", to protect the public health and safety by prohibiting the use of groundwater wells within the City.

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Section 1.

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(a) *Purpose and Intent.*

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(b) *Definitions.* The following definitions shall apply in the interpretation and enforcement of this article:

- (1) "Abandoned well" means a well that has been plugged in accordance with the Michigan Water Well Construction and Pump Installation Code.
- (2) "City" means the City of Madison Heights.
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324.101 et seq., dependent upon whether the release is regulated pursuant to Part 201 or Part 213.

- (4) "*Deputy City Manager*" is the Deputy City Manager for Public Services, or, in his absence, his duly designated and acting representative
- (5) "*Exacerbation*" means any activity with respect to existing contamination that causes the contamination to migrate beyond the property boundaries or any change in facility conditions that increases response activity costs for cleaning up the contamination.
- (6) "*Groundwater*" means underground water within the zone of saturation without regard to whether that underground water is within an aquifer.
- (7) "*Hazardous substance*" shall have the same meaning as that term has in M.C.L. 324.20201 (1) (t).
- (8) "*Human consumption*" means use in any food or drink intended for human ingestion, use in food preparation or food service, use in the interior of a dwelling unit for household purposes, and use in any building for personal washing, ingestion, or bodily cleaning.
- (9) "*Irrigation*" means the application of water or wastewater to land areas to satisfy the water and nutrient needs of plants.
- (10) "*MDEQ*" means the Michigan Department of Environmental Quality, including any successor agency.
- (11) "*New well*" means any well installed after the effective date of this chapter and any well requiring major maintenance, which includes but is not limited to redrilling or replacement of casing.
- (12) "*OCHD*" means the Oakland County Health Department.
- (13) "*Person*" means any individual, co-partnership, corporation, association, club, joint venture, estate, trust, and any other group or combination acting as a unit, and the individuals constituting such group or unit, and any other legal person.
- (14) "*Release*" means a "*release*" as defined in Part 201, Environmental Remediation (MCL 324.10101 et seq. as amended from time to time), or Part 213, Leaking Underground Storage Tanks (MCL 324.21301A et seq. as amended from time to time), of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, MCL 324.101 et seq., dependent upon whether an underground storage tank is involved.

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- (16) "Water Bureau" means the Water Bureau of the MDEQ or its successor, bureau or division.
- (17) "Well" means an opening in the surface of the earth for the purpose of removing fresh water or water contaminated with hazardous substances or a test well, monitoring well, recharge well, waste disposal well or a well used temporarily for dewatering purposes during construction.

(c) *Wells and groundwater use prohibited.*

- (1) *New wells.* Except as provided in Section 29-54 (d) of this chapter, no person, lessee or tenant or legal entity who has an ownership interest or exercises any control over any property shall install or utilize, or allow, permit or provide for the installation or utilization of a new well.
- (2) *Existing wells.* Except as provided in Section 29-54 (d) of this chapter, no person, lessee, tenant or legal entity with a legal interest in a property shall use or allow or permit or provide for the use of an existing well on any property in which they have an ownership interest.

(d) *Exceptions.* A person may install or utilize, or allow, permit or provide for the installation or utilization of a well within the City if any of the following exceptions applies and the requirements for the exception are met. Any wells permitted under this section shall comply with all laws, rules, regulations, permits and license requirements, orders or directives regarding the installation, use and abandonment of the well.

- (1) *Groundwater monitoring.* A well may be installed or utilized for groundwater monitoring or remediation as part of response activities approved by the MDEQ or U.S. EPA (if the U.S. EPA has jurisdiction of any issue affected by the well) or consistent with a plan meeting the requirements of applicable federal or state environmental law, without prior approval or issuance of a permit by the City.
- (2) *Construction dewatering.* A well may be installed and/or used for construction dewatering, subject to issuance of a well permit by the City, if the following conditions are satisfied:
 - (i) Written notice of the existence of the well is given to the OCHD, Water Bureau, and Deputy City Manager;

- (ii) The use of the dewatering well will not result in unacceptable exposure to contaminated groundwater, possible cross-contamination between saturated zones, or adverse hydrogeological effects on contaminated groundwater plumes. The burden and cost of making the determinations under this subsection and properly handling and disposing of water shall be borne solely by the person proposing to install the dewatering well, which costs shall include the actual cost for the City's staff or professional contractors reviewing such determinations and issuance of any permit required under this Chapter;
 - (iii) The water generated by the dewatering well is properly handled and disposed of in compliance with all applicable laws, rules, regulations, permit and license requirements, and orders and directives of any governmental entity or agency of competent jurisdiction; and,
 - (iv) Any exacerbation of contaminated groundwater, or any release of hazardous substances or any violation of any other federal, state, or local law which is caused by the installation or use of the well under this exception shall be the responsibility of the person operating the dewatering well, to remedy as provided in Part 201 of the Natural Resources and Environmental Protection Act, being MCL 324.20101 et seq. as amended from time to time.
- (e) *Public Emergencies.* A well may be used in the event of a public emergency, in the sole determination of the City.
- (f) *Right-of-Way Permit Required.* Under this section, a right-of-way permit shall be required prior to installing any well in the public right-of-way except in the case of a public emergency.
- (g) *Nonconforming well.* Any existing well, the use of which is prohibited by Section 29-54 (a), (c), and (d), except as otherwise permitted by 29-54 (d), shall be plugged or abandoned by the person having an ownership interest in the premises or by the lessee or tenant or other person in control of the premises unless Section 29-54 (h) applies. Any plugging or abandonment of wells shall be done in conformance with all applicable laws, rules, regulations, permit or license requirements, orders and directives of the OCHD, Water Bureau or any other governing entity, agency or court of competent jurisdiction. Proof of abandonment and plugging shall be provided to the City, in addition to any other applicable authorities, within 90 days of such closure.
- (h) *Use of Section 29-54 as an Institutional Control Mechanism.* Any person involved in preparing a response action plan dealing with contaminated

groundwater who seeks to use the provisions of this Section as an institutional control acceptable to MDEQ, must:

- (i) Locate and identify, by all means practicable, all existing wells;
 - (ii) At no cost to the well owner, properly plug all wells being used for purposes other than those allowed in Section 29-54 (d), in accordance with the Michigan Water Well Construction and Pump Installation Code;
 - (iii) Provide well closure records of all wells plugged to OCHD, City and MDEQ; and,
 - (iv) If a well that is closed and plugged under this subsection was being used, the person using this section shall connect the premises being served by it to the municipal water supply, in accordance with this Article and all applicable federal, state, and local requirements, and shall pay all fees and costs associated with the connection so that there is no cost to the well owner.
- (i) *Issuance of Permits.* No person shall dig or drill a well upon any lands within the City pursuant to this Chapter without having first secured a permit therefore from the City and paying all fees and costs required hereunder for the issuance of the permit. Additional costs or fees incurred under this Section shall be billed to the applicant, and shall be paid by the applicant within thirty days. The City may attach a lien to any property for which any costs or fees under this Section remain unpaid after thirty days. The form of permit and any fee for any permit issued under this Section shall be determined by the City Council.
- (j) *Enforcement Responsibility.* The Deputy City Manager or the Deputy City Manager's designee shall be responsible for the enforcement of this Section.
- (k) *Violations.* Any person, firm or corporation violating any of the provisions of this section shall be deemed guilty of a misdemeanor punishable by imprisonment for not more than 93 days or a fine of not more than \$500.00 or both. In addition, the City may seek an order from a court of competent jurisdiction to restrain any person from violating this chapter, including the collection of costs and attorney fees associated with the enforcement action.
- (l) *Nuisance.* Any well which does not conform to this Section is hereby declared and deemed a public nuisance, and is declared to be offensive to the public health and safety, subject to abatement, and shall be immediately taken out of service and properly and lawfully abandoned. Any existing well, the use of which is prohibited by this Section, shall be plugged or abandoned in conformance with all applicable laws, regulations, rules, permit and license

requirements, orders and directives of any governmental entity or agency of competent jurisdiction, or, in the absence of applicable law, rule, regulation, requirement, order, or directive, in conformance with the protocol developed consistent with the American Society for Testing and Materials ("ASTM") Standard #D5299-92. Any person found to be responsible for installing, permitting, maintaining or using such well is subject to being ordered by a court of competent jurisdiction to properly and lawfully remove or abandon such well.

- (m) All Ordinances or parts of Ordinances in conflict with this Ordinance are repealed only to the extent necessary to give this Ordinance full force and effect.
- (n) Should any section, subdivision, clause, or phrase of this Ordinance be declared by a Court of competent jurisdiction to be invalid, the validity of the Ordinance as a whole, or in part, shall not be affected other than the part invalidated.
- (o) All proceedings pending and all rights and liabilities existing, acquired or incurred at the time this Ordinance takes effect are saved and may be consummated according to the law in force when they commenced.
- (p) This Ordinance as ordered shall take effect ten (10) days after its adoption and upon publication.
- (q) A copy of this Ordinance may be inspected or purchased at the City Clerk's office between the hours of 8:00 a.m. and 4:30 p.m. on regular business days.

Edward C. Swanson
Mayor

Marilyn J. Haley
City Clerk



Department of Health & Human Services

oakgov.com/health

L. BROOKS PATTERSON, OAKLAND COUNTY EXECUTIVE

Kathleen Forzley, RS, MPA, Manager
HEALTH DIVISION

June 18, 2014

ERICA SMITH
PM ENVIRONMENTAL INC
3340 RANGER ROAD
LANSING MI 48906

RE: FOIA REQUEST: 32285 AND 32333 MALLY DRIVE, MADISON HEIGHTS, OAKLAND COUNTY, MI. PARCEL #: 44-25-02-176-013. PROJECT #: 02-7433-0

Dear Ms. Smith:

Your request is approved in part and denied in part. Per your request and a review of our records, the Oakland County Health Division (OCHD) has no information regarding on-site sewage disposal permits, water sample results, Type II files, well logs, or water well permits for the captioned property. This Division does not maintain files for LUSTs, ASTs or USTs for this site. OCHD does not maintain files for dry cleaning operations on this site. There is a ground water ordinance for Madison Heights.

PROVIDED:

Copies of ordinance number 1065

Your request for information regarding "...health department inspections, and violations..." is denied for the reason that it fails to meet conditions of MCL 15.233(1) of the Freedom of Information Act, Act 442 of 1976 (FOIA), in that it does not describe a public record sufficiently to enable the public body to find the public record.

If you wish to modify your request by providing a complete list of specific concerns and properties, with date ranges for the information you desire, OCHD will provide available information in compliance with the FOIA.

It is recommended that you contact the Michigan Department of Licensing and Regulatory Affairs and the Michigan Department of Environmental Quality as those agencies have regulatory authority over certain environmental pollutants and monitoring activities. Similarly, it is advised that you contact the local water supply and sewer agencies as they may have authority over certain aspects of the captioned property. If you have any questions, please contact this Division at (248) 858-1312.

YOUR FURTHER LEGAL RIGHTS

To the extent that this response, in your opinion, constitutes a denial of your FOIA rights under the Michigan Freedom of Information Act, your statutory remedies under MCL 15.240, as required to be provided to you by the statute, are as follows:

a:\ehs\32285 Mally.doc foia

NORTH OAKLAND HEALTH CENTER
1200 NORTH TELEGRAPH ROAD
PONTIAC MICHIGAN 48341-0432
General Information 248-858-1280

SOUTH OAKLAND HEALTH CENTER
27725 GREENFIELD ROAD
SOUTHFIELD MICHIGAN 48076-3663
General Information 248-424-7000

MCL 15.240

- (1) If a public body makes a final determination to deny all or a portion of a request, the requesting person may do 1 of the following at his or her option:
 - (a) Submit to L. Brooks Patterson, Oakland County Executive, a written appeal that specifically states the word "appeal" and identifies the reason or reasons for reversal of the denial.
 - (b) Commence an action in the circuit court to compel the public body's disclosure of the public records within 180 days after a public body's final determination to deny the request.
- (2) Within 10 days after receiving a written appeal pursuant to subsection (1)(a), the head of the public body shall do one of the following:
 - (a) Reverse the disclosure denial.
 - (b) Issue a written notice to the requesting person upholding the disclosure denial.
 - (c) Reverse the disclosure denial in part and issue a written notice to the requesting person upholding the disclosure denial in part.
 - (d) Under unusual circumstances, issue a notice extending for not more than 10 business days the period during which the head of the public body shall respond to the written appeal. The head of the public body shall not issue more than one notice of extension for a particular written appeal.
- (3) A board or commission that is the head of a public body is not considered to have received a written appeal under subsection (2) until the first regularly scheduled meeting of that board or commission following submission of the written appeal under subsection (1)(a). If the head of the public body fails to respond to a written appeal pursuant to subsection (2), or if the head of the public body upholds all or a portion of the disclosure denial that is the subject of the written appeal, the requesting person may seek judicial review of the nondisclosure by commencing an action in the circuit court under subsection (1)(b).
- (4) In an action commenced under subsection (1)(b), a court that determines a public record is not exempt from disclosure shall order the public body to cease withholding or to produce all or a portion of a public record wrongfully withheld, regardless of the location of the public record. The circuit court of the county in which the complainant resides or has his or her principal place of business, or the circuit court for the county in which the public record or an office of the public body is located has venue over the action. The court shall determine the matter de novo and the burden is on the public body to sustain its denial. The court, on its own motion, may view the public record in controversy in private before reaching a decision. Failure to comply with an order of the court may be punished as contempt of court.
- (5) An action commenced under this section and appeal from an action commenced under this section shall be assigned for hearing and trial or for argument at the earliest practicable date and expedited in every way.
- (6) If a person asserting the right to inspect, copy, or to receive a copy of all or a portion of a public record prevails in an action commenced under to this section, the court shall award reasonable attorneys' fees, costs, and disbursements. If the person or the public body prevails in part, the court may, in its discretion, award all or an appropriate portion of reasonable attorneys' fees, costs, and disbursements. The award shall be assessed against the public body liable for damages under subsection.

- (7) If the circuit court determines in an action commenced under this section that the public body has arbitrarily and capriciously violated this act by refusal or delay in disclosing or providing copies of a public record, the court shall award, in addition to any actual or compensatory damages, punitive damages in the amount of \$500.00 to the person seeking the right to inspect or receive a copy of a public record. The damages shall not be assessed against an individual, but shall be assessed against the next succeeding public body, that is not an individual and that kept or maintained the public record as a part of its public function.

Sincerely,

OAKLAND COUNTY HEALTH DIVISION
Department of Health and Human Services

Richard C. Peresky, R.E.H.S., M.S.

Richard C. Peresky, R.E.H.S., M.S.
Senior Public Health Sanitarian
Environmental Health Services

cc: Anthony Drautz, R.S., M.S.A., Administrator, Environmental Health Services

ORDINANCE NO. 1065

AMENDMENT TO CODE OF ORDINANCES

An Ordinance to amend Chapter 29, Article II (Water), Division 3 (Connection and Use) of the Code of Ordinances of the City of Madison Heights by adding Section 29-54, entitled "Groundwater Well Regulations", to protect the public health and safety by prohibiting the use of groundwater wells within the City.

THE CITY OF MADISON HEIGHTS ORDAINS:

Section 1.

That Chapter 29, Article II, Division 3, of the Code of Ordinances, City of Madison Heights, Michigan, is hereby amended by adding a new section, Section 29-54, as follows:

Sec. 29-54. Groundwater Well Regulations.

(a) *Purpose and Intent.*

The City Council finds that protection of groundwater resources is in the best interest of the public health and safety, and that such protection is best achieved if the use of groundwater wells and the water supplied from such wells for human consumption, irrigation, or other purposes is prohibited within the City.

(b) *Definitions.* The following definitions shall apply in the interpretation and enforcement of this article:

- (1) "Abandoned well" means a well that has been plugged in accordance with the Michigan Water Well Construction and Pump Installation Code.
- (2) "City" means the City of Madison Heights.
- (3) "Contaminated groundwater" means groundwater in which there is present concentrations of materials that exceed the residential drinking water criteria established by the MDEQ in operational memoranda or rules promulgated pursuant to Part 201, Environmental Remediation (MCL 324.20101 et seq. and as amended from time to time), or Part 213, Leaking Underground Storage Tanks (MCL 324.21301A et seq. and as amended from time to time), of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, MCL

324.101 et seq., dependent upon whether the release is regulated pursuant to Part 201 or Part 213.

- (4) "*Deputy City Manager*" is the Deputy City Manager for Public Services, or, in his absence, his duly designated and acting representative
- (5) "*Exacerbation*" means any activity with respect to existing contamination that causes the contamination to migrate beyond the property boundaries or any change in facility conditions that increases response activity costs for cleaning up the contamination.
- (6) "*Groundwater*" means underground water within the zone of saturation without regard to whether that underground water is within an aquifer.
- (7) "*Hazardous substance*" shall have the same meaning as that term has in M.C.L. 324.20201 (1) (t).
- (8) "*Human consumption*" means use in any food or drink intended for human ingestion, use in food preparation or food service, use in the interior of a dwelling unit for household purposes, and use in any building for personal washing, ingestion, or bodily cleaning.
- (9) "*Irrigation*" means the application of water or wastewater to land areas to satisfy the water and nutrient needs of plants.
- (10) "*MDEQ*" means the Michigan Department of Environmental Quality, including any successor agency.
- (11) "*New well*" means any well installed after the effective date of this chapter and any well requiring major maintenance, which includes but is not limited to redrilling or replacement of casing.
- (12) "*OCHD*" means the Oakland County Health Department.
- (13) "*Person*" means any individual, co-partnership, corporation, association, club, joint venture, estate, trust, and any other group or combination acting as a unit, and the individuals constituting such group or unit, and any other legal person.
- (14) "*Release*" means a "*release*" as defined in Part 201, Environmental Remediation (MCL 324.10101 et seq. as amended from time to time), or Part 213, Leaking Underground Storage Tanks (MCL 324.21301A et seq. as amended from time to time), of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, MCL 324.101 et seq., dependent upon whether an underground storage tank is involved.

- (15) "U.S. EPA" means the United States Environmental Protection Agency, including any successor agency or delegated agency.
 - (16) "Water Bureau" means the Water Bureau of the MDEQ or its successor, bureau or division.
 - (17) "Well" means an opening in the surface of the earth for the purpose of removing fresh water or water contaminated with hazardous substances or a test well, monitoring well, recharge well, waste disposal well or a well used temporarily for dewatering purposes during construction.
- (c) *Wells and groundwater use prohibited.*
- (1) *New wells.* Except as provided in Section 29-54 (d) of this chapter, no person, lessee or tenant or legal entity who has an ownership interest or exercises any control over any property shall install or utilize, or allow, permit or provide for the installation or utilization of a new well.
 - (2) *Existing wells.* Except as provided in Section 29-54 (d) of this chapter, no person, lessee, tenant or legal entity with a legal interest in a property shall use or allow or permit or provide for the use of an existing well on any property in which they have an ownership interest.
- (d) *Exceptions.* A person may install or utilize, or allow, permit or provide for the installation or utilization of a well within the City if any of the following exceptions applies and the requirements for the exception are met. Any wells permitted under this section shall comply with all laws, rules, regulations, permits and license requirements, orders or directives regarding the installation, use and abandonment of the well.
- (1) *Groundwater monitoring.* A well may be installed or utilized for groundwater monitoring or remediation as part of response activities approved by the MDEQ or U.S. EPA (if the U.S. EPA has jurisdiction of any issue affected by the well) or consistent with a plan meeting the requirements of applicable federal or state environmental law, without prior approval or issuance of a permit by the City.
 - (2) *Construction dewatering.* A well may be installed and/or used for construction dewatering, subject to issuance of a well permit by the City, if the following conditions are satisfied:
 - (i) Written notice of the existence of the well is given to the OCHD, Water Bureau, and Deputy City Manager;

- (ii) The use of the dewatering well will not result in unacceptable exposure to contaminated groundwater, possible cross-contamination between saturated zones, or adverse hydrogeological effects on contaminated groundwater plumes. The burden and cost of making the determinations under this subsection and properly handling and disposing of water shall be borne solely by the person proposing to install the dewatering well, which costs shall include the actual cost for the City's staff or professional contractors reviewing such determinations and issuance of any permit required under this Chapter;
 - (iii) The water generated by the dewatering well is properly handled and disposed of in compliance with all applicable laws, rules, regulations, permit and license requirements, and orders and directives of any governmental entity or agency of competent jurisdiction; and,
 - (iv) Any exacerbation of contaminated groundwater, or any release of hazardous substances or any violation of any other federal, state, or local law which is caused by the installation or use of the well under this exception shall be the responsibility of the person operating the dewatering well, to remedy as provided in Part 201 of the Natural Resources and Environmental Protection Act, being MCL 324.20101 et seq. as amended from time to time.
- (e) *Public Emergencies.* A well may be used in the event of a public emergency, in the sole determination of the City.
- (f) *Right-of-Way Permit Required.* Under this section, a right-of-way permit shall be required prior to installing any well in the public right-of-way except in the case of a public emergency.
- (g) *Nonconforming well.* Any existing well, the use of which is prohibited by Section 29-54 (a), (c), and (d), except as otherwise permitted by 29-54 (d), shall be plugged or abandoned by the person having an ownership interest in the premises or by the lessee or tenant or other person in control of the premises unless Section 29-54 (h) applies. Any plugging or abandonment of wells shall be done in conformance with all applicable laws, rules, regulations, permit or license requirements, orders and directives of the OCHD, Water Bureau or any other governing entity, agency or court of competent jurisdiction. Proof of abandonment and plugging shall be provided to the City, in addition to any other applicable authorities, within 90 days of such closure.
- (h) *Use of Section 29-54 as an Institutional Control Mechanism.* Any person involved in preparing a response action plan dealing with contaminated

groundwater who seeks to use the provisions of this Section as an institutional control acceptable to MDEQ, must:

- (i) Locate and identify, by all means practicable, all existing wells;
 - (ii) At no cost to the well owner, properly plug all wells being used for purposes other than those allowed in Section 29-54 (d), in accordance with the Michigan Water Well Construction and Pump Installation Code;
 - (iii) Provide well closure records of all wells plugged to OCHD, City and MDEQ; and,
 - (iv) If a well that is closed and plugged under this subsection was being used, the person using this section shall connect the premises being served by it to the municipal water supply, in accordance with this Article and all applicable federal, state, and local requirements, and shall pay all fees and costs associated with the connection so that there is no cost to the well owner.
- (i) *Issuance of Permits.* No person shall dig or drill a well upon any lands within the City pursuant to this Chapter without having first secured a permit therefore from the City and paying all fees and costs required hereunder for the issuance of the permit. Additional costs or fees incurred under this Section shall be billed to the applicant, and shall be paid by the applicant within thirty days. The City may attach a lien to any property for which any costs or fees under this Section remain unpaid after thirty days. The form of permit and any fee for any permit issued under this Section shall be determined by the City Council.
- (j) *Enforcement Responsibility.* The Deputy City Manager or the Deputy City Manager's designee shall be responsible for the enforcement of this Section.
- (k) *Violations.* Any person, firm or corporation violating any of the provisions of this section shall be deemed guilty of a misdemeanor punishable by imprisonment for not more than 93 days or a fine of not more than \$500.00 or both. In addition, the City may seek an order from a court of competent jurisdiction to restrain any person from violating this chapter, including the collection of costs and attorney fees associated with the enforcement action.
- (l) *Nuisance.* Any well which does not conform to this Section is hereby declared and deemed a public nuisance, and is declared to be offensive to the public health and safety, subject to abatement, and shall be immediately taken out of service and properly and lawfully abandoned. Any existing well, the use of which is prohibited by this Section, shall be plugged or abandoned in conformance with all applicable laws, regulations, rules, permit and license

requirements, orders and directives of any governmental entity or agency of competent jurisdiction, or, in the absence of applicable law, rule, regulation, requirement, order, or directive, in conformance with the protocol developed consistent with the American Society for Testing and Materials ("ASTM") Standard #D5299-92. Any person found to be responsible for installing, permitting, maintaining or using such well is subject to being ordered by a court of competent jurisdiction to properly and lawfully remove or abandon such well.

- (m) All Ordinances or parts of Ordinances in conflict with this Ordinance are repealed only to the extent necessary to give this Ordinance full force and effect.
- (n) Should any section, subdivision, clause, or phrase of this Ordinance be declared by a Court of competent jurisdiction to be invalid, the validity of the Ordinance as a whole, or in part, shall not be affected other than the part invalidated.
- (o) All proceedings pending and all rights and liabilities existing, acquired or incurred at the time this Ordinance takes effect are saved and may be consummated according to the law in force when they commenced.
- (p) This Ordinance as ordered shall take effect ten (10) days after its adoption and upon publication.
- (q) A copy of this Ordinance may be inspected or purchased at the City Clerk's office between the hours of 8:00 a.m. and 4:30 p.m. on regular business days.

Edward C. Swanson
Mayor

Marilyn J. Haley
City Clerk

ORDINANCE NO. 1065

CITY OF MADISON HEIGHTS
OAKLAND COUNTY, MICHIGAN

AMENDMENT TO CODE OF ORDINANCES

An Ordinance to amend Chapter 29, Article II (Water), Division 3 (Connection and Use) of the Code of Ordinances of the City of Madison Heights by adding Section 29-54, entitled "Groundwater Well Regulations", to protect the public health and safety by prohibiting the use of groundwater wells within the City.

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That Chapter 29, Article II, Division 3, of the Code of Ordinances, City of Madison Heights, Michigan, is hereby amended by adding a new section, Section 29-54, as follows:

Sec. 29-54. Groundwater Well Regulations.

(a) Purpose and Intent.

The City Council finds that protection of groundwater resources is in the best interest of the public health and safety, and that such protection is best achieved if the use of groundwater wells and the water supplied from such wells for human consumption, irrigation, or other purposes is prohibited within the City.

(b) Definitions. The following definitions shall apply in the interpretation and enforcement of this article:

- (1) "Abandoned well"* means a well that has been plugged in accordance with the Michigan Water Well Construction and Pump Installation Code.
- (2) "City"* means the City of Madison Heights.
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Environmental Protection Act, 1994 PA 451, as amended, MCL 324.101 et seq., dependent upon whether the release is regulated pursuant to Part 201 or Part 213.

- (4) "*Deputy City Manager*" is the Deputy City Manager for Public Services, or, in his absence, his duly designated and acting representative
- (5) "*Exacerbation*" means any activity with respect to existing contamination that causes the contamination to migrate beyond the property boundaries or any change in facility conditions that increases response activity costs for cleaning up the contamination.
- (6) "*Groundwater*" means underground water within the zone of saturation without regard to whether that underground water is within an aquifer.
- (7) "*Hazardous substance*" shall have the same meaning as that term has in M.C.L. 324.20201 (1) (t).
- (8) "*Human consumption*" means use in any food or drink intended for human ingestion, use in food preparation or food service, use in the interior of a dwelling unit for household purposes, and use in any building for personal washing, ingestion, or bodily cleaning.
- (9) "*Irrigation*" means the application of water or wastewater to land areas to satisfy the water and nutrient needs of plants.
- (10) "*MDEQ*" means the Michigan Department of Environmental Quality, including any successor agency.
- (11) "*New well*" means any well installed after the effective date of this chapter and any well requiring major maintenance, which includes but is not limited to redrilling or replacement of casing.
- (12) "*OCHD*" means the Oakland County Health Department.
- (13) "*Person*" means any individual, co-partnership, corporation, association, club, joint venture, estate, trust, and any other group or combination acting as a unit, and the individuals constituting such group or unit, and any other legal person.
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- (c) *Wells and groundwater use prohibited.*
- (1) *New wells.* Except as provided in Section 29-54 (d) of this chapter, no person, lessee or tenant or legal entity who has an ownership interest or exercises any control over any property shall install or utilize, or allow, permit or provide for the installation or utilization of a new well.
 - (2) *Existing wells.* Except as provided in Section 29-54 (d) of this chapter, no person, lessee, tenant or legal entity with a legal interest in a property shall use or allow or permit or provide for the use of an existing well on any property in which they have an ownership interest.
- (d) *Exceptions.* A person may install or utilize, or allow, permit or provide for the installation or utilization of a well within the City if any of the following exceptions applies and the requirements for the exception are met. Any wells permitted under this section shall comply with all laws, rules, regulations, permits and license requirements, orders or directives regarding the installation, use and abandonment of the well.
- (1) *Groundwater monitoring.* A well may be installed or utilized for groundwater monitoring or remediation as part of response activities approved by the MDEQ or U.S. EPA (if the U.S. EPA has jurisdiction of any issue affected by the well) or consistent with a plan meeting the requirements of applicable federal or state environmental law, without prior approval or issuance of a permit by the City.
 - (2) *Construction dewatering.* A well may be installed and/or used for construction dewatering, subject to issuance of a well permit by the City, if the following conditions are satisfied:

- (i) Written notice of the existence of the well is given to the OCHD, Water Bureau, and Deputy City Manager;
 - (ii) The use of the dewatering well will not result in unacceptable exposure to contaminated groundwater, possible cross-contamination between saturated zones, or adverse hydrogeological effects on contaminated groundwater plumes. The burden and cost of making the determinations under this subsection and properly handling and disposing of water shall be borne solely by the person proposing to install the dewatering well, which costs shall include the actual cost for the City's staff or professional contractors reviewing such determinations and issuance of any permit required under this Chapter;
 - (iii) The water generated by the dewatering well is properly handled and disposed of in compliance with all applicable laws, rules, regulations, permit and license requirements, and orders and directives of any governmental entity or agency of competent jurisdiction; and,
 - (iv) Any exacerbation of contaminated groundwater, or any release of hazardous substances or any violation of any other federal, state, or local law which is caused by the installation or use of the well under this exception shall be the responsibility of the person operating the dewatering well, to remedy as provided in Part 201 of the Natural Resources and Environmental Protection Act, being MCL 324.20101 et seq. as amended from time to time.
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 - (f) *Right-of-Way Permit Required.* Under this section, a right-of-way permit shall be required prior to installing any well in the public right-of-way except in the case of a public emergency.
 - (g) *Nonconforming well.* Any existing well, the use of which is prohibited by Section 29-54 (a), (c), and (d), except as otherwise permitted by 29-54 (d), shall be plugged or abandoned by the person having an ownership interest in the premises or by the lessee or tenant or other person in control of the premises unless Section 29-54 (h) applies. Any plugging or abandonment of wells shall be done in conformance with all applicable laws, rules, regulations, permit or license requirements, orders and directives of the OCHD, Water Bureau or any other governing entity, agency or court of competent jurisdiction. Proof of abandonment and plugging shall be provided to the City, in addition to any other applicable authorities, within 90 days of such closure.

- (h) *Use of Section 29-54 as an Institutional Control Mechanism.* Any person involved in preparing a response action plan dealing with contaminated groundwater who seeks to use the provisions of this Section as an institutional control acceptable to MDEQ, must:
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- (i) *Issuance of Permits.* No person shall dig or drill a well upon any lands within the City pursuant to this Chapter without having first secured a permit therefore from the City and paying all fees and costs required hereunder for the issuance of the permit. Additional costs or fees incurred under this Section shall be billed to the applicant, and shall be paid by the applicant within thirty days. The City may attach a lien to any property for which any costs or fees under this Section remain unpaid after thirty days. The form of permit and any fee for any permit issued under this Section shall be determined by the City Council.
- (j) *Enforcement Responsibility.* The Deputy City Manager or the Deputy City Manager's designee shall be responsible for the enforcement of this Section.
- (k) *Violations.* Any person, firm or corporation violating any of the provisions of this section shall be deemed guilty of a misdemeanor punishable by imprisonment for not more than 93 days or a fine of not more than \$500.00 or both. In addition, the City may seek an order from a court of competent jurisdiction to restrain any person from violating this chapter, including the collection of costs and attorney fees associated with the enforcement action.
- (l) *Nuisance.* Any well which does not conform to this Section is hereby declared and deemed a public nuisance, and is declared to be offensive to the public health and safety, subject to abatement, and shall be immediately taken out of service and properly and lawfully abandoned. Any existing well,

the use of which is prohibited by this Section, shall be plugged or abandoned in conformance with all applicable laws, regulations, rules, permit and license requirements, orders and directives of any governmental entity or agency of competent jurisdiction, or, in the absence of applicable law, rule, regulation, requirement, order, or directive, in conformance with the protocol developed consistent with the American Society for Testing and Materials ("ASTM") Standard #D5299-92. Any person found to be responsible for installing, permitting, maintaining or using such well is subject to being ordered by a court of competent jurisdiction to properly and lawfully remove or abandon such well.

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- (n) Should any section, subdivision, clause, or phrase of this Ordinance be declared by a Court of competent jurisdiction to be invalid, the validity of the Ordinance as a whole, or in part, shall not be affected other than the part invalidated.
- (o) All proceedings pending and all rights and liabilities existing, acquired or incurred at the time this Ordinance takes effect are saved and may be consummated according to the law in force when they commenced.
- (p) This Ordinance as ordered shall take effect ten (10) days after its adoption and upon publication.
- (q) A copy of this Ordinance may be inspected or purchased at the City Clerk's office between the hours of 8:00 a.m. and 4:30 p.m. on regular business days.

CERTIFICATION:

I, the duly authorized Clerk of the City of Madison Heights, do hereby certify that the foregoing is a true and correct copy of an Ordinance adopted by the Madison Heights City Council on April 13, 2009.

Marilyn J. Haley
City Clerk

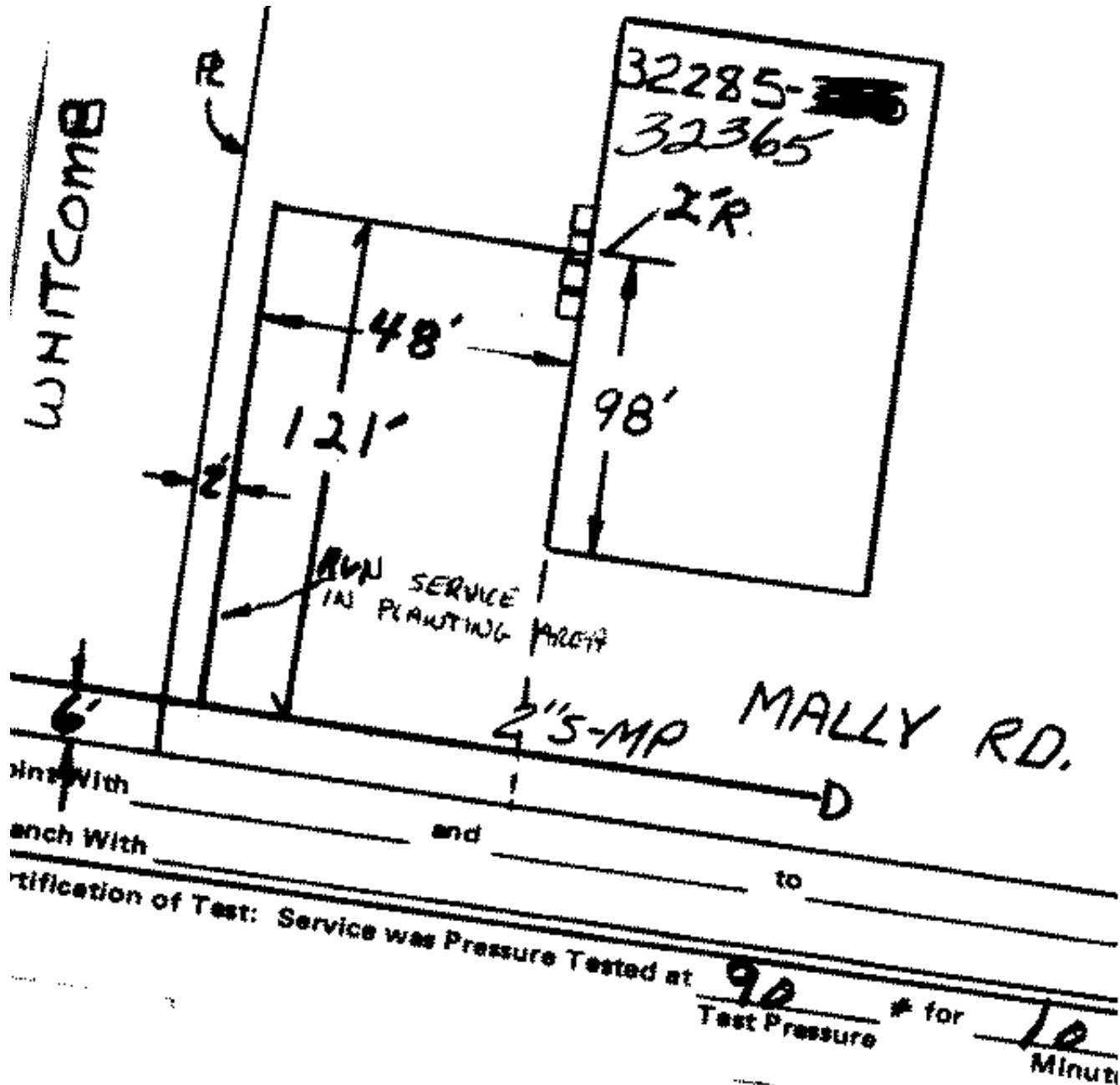
ADOPTED: April 13, 2009
PUBLISHED: April 17, 2009
EFFECTIVE: April 23, 2009

NATURAL GAS CONNECTION RECORDS



Address: **32285 MALLY DR, MADISON HTS**

Gas Service Extension: **1" P**, Inserted: **N**, Year Installed: **1977**



Previous

WARNING: ALL LOCATIONS ARE APPROXIMATE. FACILITIES MAY HAVE BEEN ADDED AND/OR ALTERED AFTER MAP REVISED DATE. IF YOU ARE DIGGING, LOCATIONS MUST BE VERIFIED BY FIELD STAKING UPON REQUEST AT NO CHARGE, BY CALLING MISS DIG 3 WORKING DAYS IN ADVANCE AT 1-800-482-7171. USE OF THIS WEB SITE DOES NOT RELIEVE

THE USER OF ANY LEGAL DUTY TO COMPLY WITH PUBLIC ACT 53 OF 1973 OR ANY OTHER APPLICABLE LAW, REGULATION, RULE, STANDARD, OR ORDINANCE.



FOR QUESTIONS CONCERNING THIS MAP
PLEASE CALL 1-877-240-9602

CONSUMERS ENERGY
UNDERGROUND PLANT
ALL LOCATIONS ARE APPROXIMATE.
SERVICES ARE NOT SHOWN. LOCATIONS
WILL BE VERIFIED BY STAKING UPON REQUEST.

ISSUED BY Gas Information Management
ON 05-02-13. FACILITIES MAY HAVE BEEN ADDED
AFTER MAP PRINTED DATE THEREFORE
CONSUMERS ENERGY SHALL BE CONSULTED
BEFORE ANY ACTION IS TAKEN ON THE BASIS
OF THIS MAP. THIS MAP TO BE DESTROYED
WHEN NO LONGER NEEDED.

DETAILS

ELEVATIONAL DETAILS ARE NOT TO BE SHOWN
IN THIS SPACE. THEY WILL BE SHOWN ON
THE MAP, NEAR THE AREA BEING DETAILED

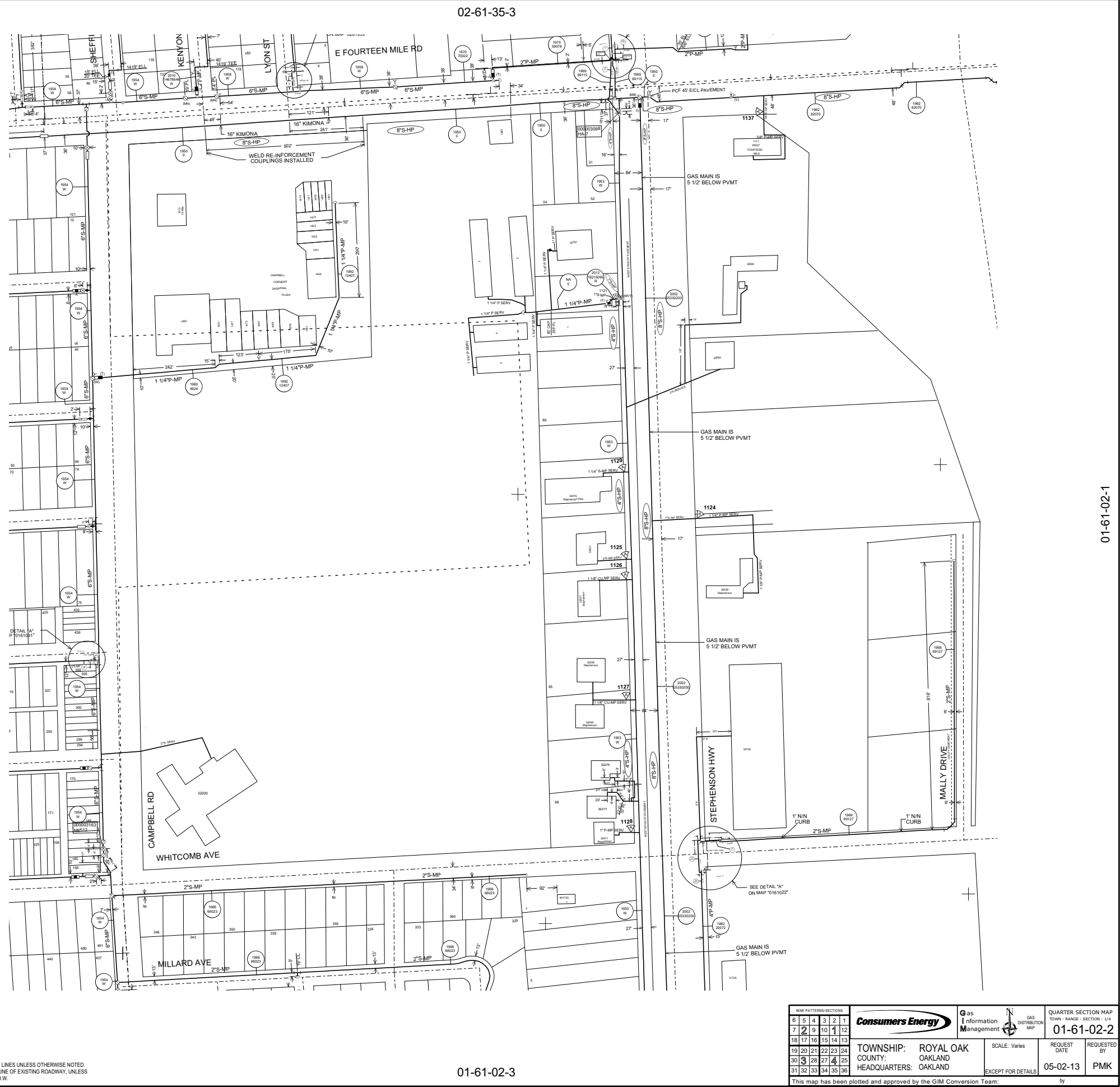
DETAIL "A"

01-61-03-1

01-61-02-3

ALL MEASUREMENTS ARE TAKEN FROM ACTUAL PROPERTY LINES UNLESS OTHERWISE NOTED.
CENTER LINE MEASUREMENTS ARE TAKEN FROM CENTER LINE OF EXISTING ROADWAY, UNLESS
OTHERWISE NOTED, AND MAY NOT BE CENTER LINE OF R.O.W.

01-61-02-3



WINE PATTERNS/SECTIONS

8	5	4	3	2	1
7	2	9	10	1	12
18	17	16	15	14	13
19	20	21	22	23	24
30	3	28	27	4	25
31	32	33	34	35	36

Gas Information Management

QUARTER SECTION MAP
TOWN - RANGE - SECTION - 1-14

01-61-02-2

TOWNSHIP: ROYAL OAK
COUNTY: OAKLAND
HEADQUARTERS: OAKLAND

SCALE: Varies
EXCEPT FOR DETAILS

REQUEST DATE: 05-02-13
REQUESTED BY: PMK

This map has been plotted and approved by the GIM Conversion Team:

by

FREEDOM OF INFORMATION ACT REQUESTS

VIA Email: DEQFOIA@michigan.gov

May 28, 2014

FOIA Coordinator
MDEQ
Lansing, MI

FOIA Coordinator,

Please accept this Freedom of Information Act (FOIA) request for the following sites.
I am only interested in receiving copies of **Air Quality Division and Water Resources
Division Files:**

Oakland County:

- **32285 Mally Drive, Madison Heights**

If you have any questions or concerns, please feel free to contact me at 517-325-9876.
Please fax your response to my attention at 877-884-6775, email to esmith@pmenv.com
or mail to the address below. Thank you.

Sincerely,

PM Environmental, Inc.

Erica Smith
Research Consultant
3340 Ranger Road
Lansing, MI 48906
PME Project Number: 02-7433-0 KG

Appendix C

NO PREVIOUS SITE INVESTIGATION

Appendix D

ENVIRONMENTAL DATABASE SEARCH

32285 Mally Drive

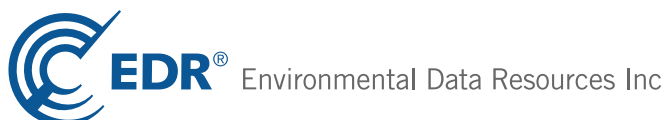
32285 Mally Drive

Madison Heights, MI 48071

Inquiry Number: 03955809.2r

May 28, 2014

The EDR Radius Map™ Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	7
Orphan Summary	68
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

32285 MALLY DRIVE
MADISON HEIGHTS, MI 48071

COORDINATES

Latitude (North): 42.5298000 - 42° 31' 47.28"
Longitude (West): 83.1171000 - 83° 7' 1.56"
Universal Transverse Mercator: Zone 17
UTM X (Meters): 326120.4
UTM Y (Meters): 4710560.0
Elevation: 640 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 42083-E1 WARREN, MI
Most Recent Revision: 1980

West Map: 42083-E2 BIRMINGHAM, MI
Most Recent Revision: 1981

AERIAL PHOTOGRAPHY IN THIS REPORT

Photo Year: 2012
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 7 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
ADVANCED PRINTWEAR 32285 MALLY DR MADISON HEIGHTS, MI 48071	WDS	N/A

EXECUTIVE SUMMARY

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls
LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Facilities Database

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

AST..... Aboveground Tanks
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal institutional control / engineering control registries

AUL..... Engineering and Institutional Controls

EXECUTIVE SUMMARY

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields and UST Site Database

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

ODI..... Open Dump Inventory
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
HIST LF..... Inactive Solid Waste Facilities
SWRCY..... Recycling Facilities
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
CDL..... Clandestine Drug Lab Listing
US HIST CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS 2..... CERCLA Lien Information
LIENS..... Lien List

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Pollution Emergency Alerting System

Other Ascertainable Records

DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
US MINES..... Mines Master Index File
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
SSTS..... Section 7 Tracking Systems

EXECUTIVE SUMMARY

ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
RMP.....	Risk Management Plans
UIC.....	Underground Injection Wells Database
DRYCLEANERS.....	Drycleaning Establishments
NPDES.....	List of Active NPDES Permits
AIRS.....	Permit and Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PRP.....	Potentially Responsible Parties
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH.....	Coal Ash Disposal Sites
Financial Assurance.....	Financial Assurance Information Listing
EPA WATCH LIST.....	EPA WATCH LIST
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
US FIN ASSUR.....	Financial Assurance Information
2020 COR ACTION.....	2020 Corrective Action Program List
COAL ASH DOE.....	Steam-Electric Plant Operation Data
LEAD SMELTERS.....	Lead Smelter Sites

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR US Hist Cleaners.....	EDR Exclusive Historic Dry Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank
RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/11/2014 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HENKEL CORPORATION	32100 STEPHENSON HWY	SW 1/8 - 1/4 (0.187 mi.)	C10	19
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GENERAL MOTORS LLC	32661 EDWARD AVE	E 1/2 - 1 (0.784 mi.)	30	64

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 03/11/2014 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HENKEL CORPORATION	32100 STEPHENSON HWY	SW 1/8 - 1/4 (0.187 mi.)	C10	19

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/11/2014 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HENKEL CORPORATION	32100 STEPHENSON HWY	SW 1/8 - 1/4 (0.187 mi.)	C10	19

EXECUTIVE SUMMARY

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/11/2014 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SCOTT AND ITOH MACHINE CO	31690 STEPHENSON HWY	SSW 1/8 - 1/4 (0.231 mi.)	14	37

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/11/2014 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CORVETTE RESTORATION SERVICES	32327 STEPHENSON HWY	W 1/8 - 1/4 (0.158 mi.)	B5	11

State- and tribal - equivalent CERCLIS

SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Quality's Contaminated Sites List on Diskette With Address.

A review of the SHWS list, as provided by EDR, and dated 10/01/2013 has revealed that there are 2 SHWS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GE CAPITAL SMALL BUSINESS FINA Facility Status: Evaluation conducted	31211 STEPHENSON HWY	SSW 1/2 - 1 (0.591 mi.)	29	63

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OAKLAND TUNE UP CENTER (FORMER) Facility Status: Evaluation conducted	501 W. 14 MILE ROAD	NE 1/4 - 1/2 (0.394 mi.)	E19	47

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's Leaking Underground Storage Tank (LUST) Database.

A review of the LUST list, as provided by EDR, and dated 02/01/2014 has revealed that there are 10 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MASCHMEYER CONCRETE CO Facility Status: Closed	32400 MALLY DR 32401 ST	SSE 0 - 1/8 (0.055 mi.)	A3	8
SAFIEDINE STEPHENSON LLC Facility Status: Closed	32831 STEPHENSON HWY	NNW 1/4 - 1/2 (0.301 mi.)	15	40
BECKER MANUFACTURING Facility Status: Closed	130 STEPHENSON HWY	NNW 1/4 - 1/2 (0.354 mi.)	16	42
FERNDAL FASTNER DIVISION Facility Status: Closed	31600 STEPHENSON HWY	SSW 1/4 - 1/2 (0.425 mi.)	F23	48
LAMPHERE SCHOOLS- TRANSPORTATI Facility Status: Closed	31600 AGNELLO DR	SSW 1/4 - 1/2 (0.425 mi.)	F24	51
COMMERCIAL STEEL TREATING CORP Facility Status: Open Facility Status: Closed	31440 STEPHENSON HWY	SSW 1/4 - 1/2 (0.444 mi.)	F26	54
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
J.C PENNEY Facility Status: Closed	700 W 14 MILE RD	NE 1/4 - 1/2 (0.371 mi.)	17	43
DDR STATION Facility Status: Open	510 W 14 MILE RD	NE 1/4 - 1/2 (0.393 mi.)	E18	44
OAKLAND MALL LLC Facility Status: Closed	412 WEST 14 MILE RD	NE 1/4 - 1/2 (0.443 mi.)	25	53
GOODYEAR TIRE CENTER Facility Status: Closed	361 W FOURTEEN MILE RD	NE 1/4 - 1/2 (0.456 mi.)	27	61

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Michigan UST database.

A review of the UST list, as provided by EDR, and dated 02/01/2014 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MASCHMEYER CONCRETE CO	32400 MALLY DR 32401 ST	SSE 0 - 1/8 (0.055 mi.)	A3	8
HENKEL CORP PARKER & AMCHEM	32100 STEPHENSON HWY	SW 1/8 - 1/4 (0.187 mi.)	C9	18

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

DEL SHWS: Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does support its listing or the site no longer meets criteria specified in rules.

A review of the DEL SHWS list, as provided by EDR, and dated 08/01/2013 has revealed that there is 1 DEL SHWS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GRAND HAVEN STAMPING	307 ROBBINS DR	NE 1/2 - 1 (0.936 mi.)	31	66

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/11/2014 has revealed that there are 6 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GOULD INC	32305 MALLY DR	SE 0 - 1/8 (0.049 mi.)	A2	7
BESCO GRAPHIC SYSTEMS CORP	32275 MALLY DR	SSE 0 - 1/8 (0.058 mi.)	A4	10
VULTRON INC	32217 STEPHENSON HWY	WSW 1/8 - 1/4 (0.163 mi.)	8	15
TSM CORP	32475 STEPHENSON HWY	WNW 1/8 - 1/4 (0.190 mi.)	11	34
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GULF & WESTERN MFG CO	1100 W WHITCOMB AVE	S 1/8 - 1/4 (0.159 mi.)	7	14
SUNOCO INC	32091 CONCORD DR	ESE 1/8 - 1/4 (0.194 mi.)	D12	36

BEA: A BEA is a document that new or prospective property owners/operations disclose to the DEQ identifying the property as a facility pursuant to Part 201 and Part 213. The Inventory of BEA Facilities overlaps in part with the Part 201 Projects facilities and Part 213 facilities. There may be more than one BEA for each facility.

A review of the BEA list, as provided by EDR, and dated 08/21/2013 has revealed that there are 4 BEA sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VALEO INC	150 STEPHENSON HWY	N 1/4 - 1/2 (0.414 mi.)	21	47
250 STEPHENSON HIGHWAY PROPERTY	250 STEPHENSON HIGHWAY	NNW 1/4 - 1/2 (0.422 mi.)	22	48
WELLS FARGO BANK, NA PROPERTY	350 STEPHENSON HIGHWAY	NNW 1/4 - 1/2 (0.460 mi.)	28	62
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COMMERCIAL PROPERTY	501 WEST 14 MILE ROAD	NE 1/4 - 1/2 (0.394 mi.)	E20	47

EXECUTIVE SUMMARY

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR US Hist Auto Stat list, as provided by EDR, has revealed that there are 2 EDR US Hist Auto Stat sites within approximately 0.25 miles of the target property.

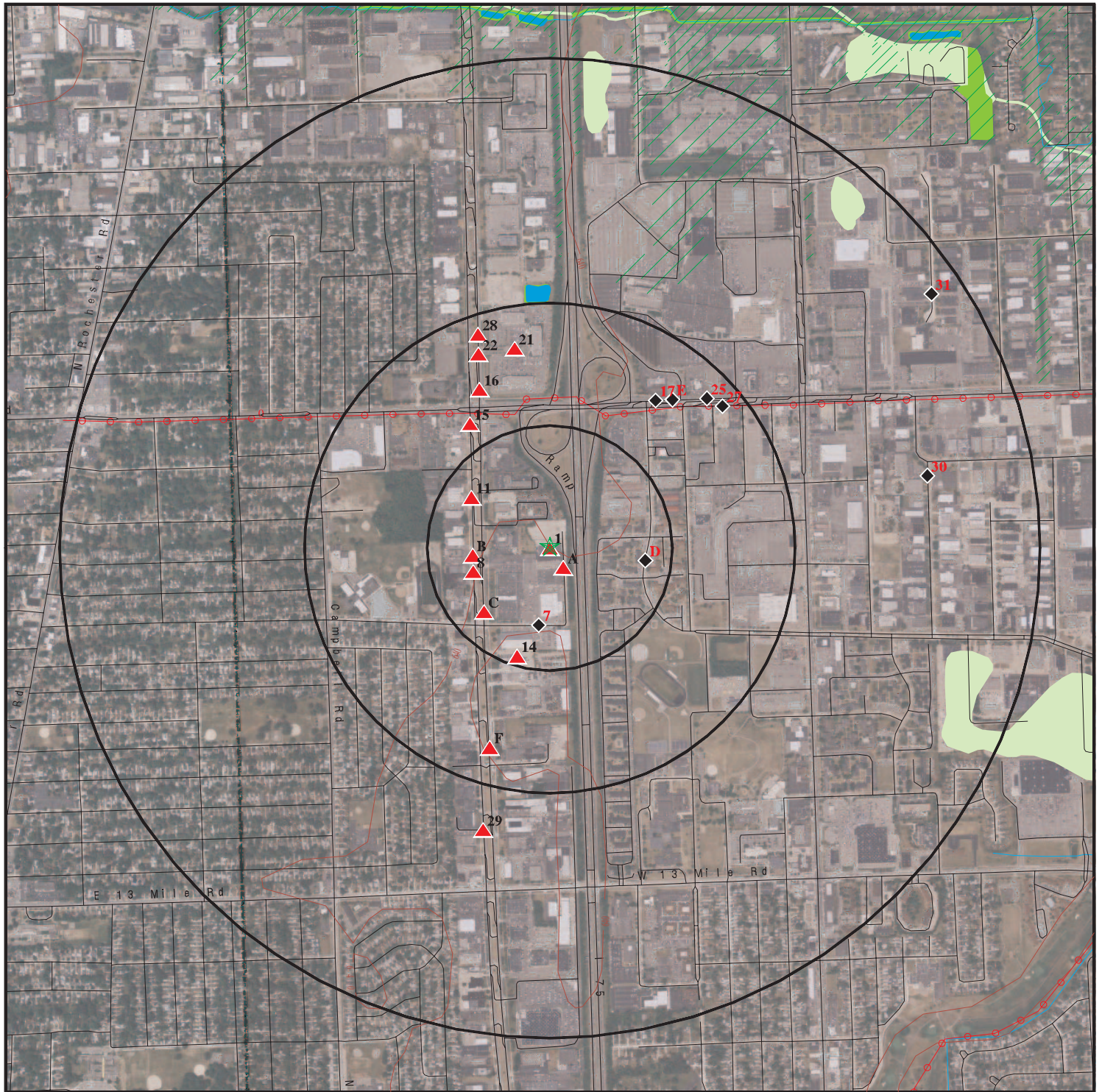
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	32327 STEPHENSON HWY	W 1/8 - 1/4 (0.158 mi.)	B6	13
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	32182 CONCORD DR	E 1/8 - 1/4 (0.197 mi.)	D13	37

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 13 records.

<u>Site Name</u>	<u>Database(s)</u>
CONSOLIDATED UNIT #2318	LUST, UST, WDS
SOCRRA JOHN R AND 12 MILE	SHWS
HOWARD GAS AND OIL	SHWS
ROYALTY CLEANERS (FORMER)	SHWS, BEA
MARATHON UNIT #1711	UST
MI DEPT/TRANSPORTATION	RCRA NonGen / NLR
MI DEPT/TRANSPORTATION	RCRA NonGen / NLR
MI DEPT/TRANSPORTATION	RCRA NonGen / NLR
AMERICAN PAPER CO	RCRA NonGen / NLR
MI DEPT/TRANSPORTATION	RCRA NonGen / NLR
MI DEPT/TRANSPORTATION	RCRA NonGen / NLR
MI DEPT/TRANSPORTATION	RCRA NonGen / NLR
MI DEPT/TRANSPORTATION	RCRA-CESQG

OVERVIEW MAP - 03955809.2r



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

⚙ Manufactured Gas Plants

🚧 National Priority List Sites

🏠 Dept. Defense Sites

🏠 Indian Reservations BIA

⚡ Power transmission lines

🛢 Oil & Gas pipelines from USGS

🌊 100-year flood zone

🌊 500-year flood zone

🌿 National Wetland Inventory

🌿 State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 32285 Mally Drive
ADDRESS: 32285 Mally Drive
Madison Heights MI 48071
LAT/LONG: 42.5298 / 83.1171

CLIENT: PM Environmental, Inc.
CONTACT: Erica Smith
INQUIRY #: 03955809.2r
DATE: May 28, 2014 2:03 pm

DETAIL MAP - 03955809.2r



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

- Indian Reservations BIA
- Power transmission lines
- Oil & Gas pipelines from USGS
- 100-year flood zone
- 500-year flood zone

0 1/16 1/8 1/4 Miles



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 32285 Mally Drive
 ADDRESS: 32285 Mally Drive
 Madison Heights MI 48071
 LAT/LONG: 42.5298 / 83.1171

CLIENT: PM Environmental, Inc.
 CONTACT: Erica Smith
 INQUIRY #: 03955809.2r
 DATE: May 28, 2014 2:11 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	1	0	1	NR	2
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	1	0	NR	NR	1
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-CESQG	0.250		0	1	NR	NR	NR	1
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
SHWS	1.000		0	0	1	1	NR	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		1	0	9	NR	NR	10
INDIAN LUST	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
UST	0.250		1	1	NR	NR	NR	2

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
AUL	0.500		0	0	0	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
HIST LF	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	1	NR	1
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	4	NR	NR	NR	6
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
US MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
BEA	0.500		0	0	4	NR	NR	4
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
WDS	TP	1	NR	NR	NR	NR	NR	1
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR US Hist Auto Stat	0.250		0	2	NR	NR	NR	2
EDR US Hist Cleaners	0.250		0	0	NR	NR	NR	0

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
RGA HWS	TP		NR	NR	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
Target
Property
ADVANCED PRINTWEAR
32285 MALLY DR
MADISON HEIGHTS, MI 48071

WDS **S111137723**
N/A

Actual:
640 ft.

WDS:
Site Id: MIG000061990
WMD Id: 421505
Site Specific Name: ADVANCED PRINTWEAR
Mailing Address: 32285 MALLY DR
Mailing City/State/Zip: 48071
Mailing County: OAKLAND

A2
SE
< 1/8
0.049 mi.
257 ft.

GOULD INC
32305 MALLY DR
MADISON HEIGHTS, MI
Site 1 of 3 in cluster A

RCRA NonGen / NLR **1000278277**
FINDS **MID088334487**

Relative:
Higher

RCRA NonGen / NLR:
Date form received by agency: 11/20/1980
Facility name: GOULD INC
Facility address: 32305 MALLY DR
MADISON HEIGHTS, MI 48071
EPA ID: MID088334487
Contact: JAMES KRUSE
Contact address: 32305 MALLY DR
MADISON HEIGHTS, MI 48071
Contact country: US
Contact telephone: (312) 555-1212
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
640 ft.

Owner/Operator Summary:
Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/03/1970
Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/03/1970
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOULD INC (Continued)

1000278277

Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/11/1980
Facility name: GOULD INC
Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003607179

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

A3
SSE
< 1/8
0.055 mi.
292 ft.

MASCHMEYER CONCRETE CO
32400 MALLY DR 32401 STEPHENSON (FORMERLY)
MADISON HEIGHTS, MI 33403

Site 2 of 3 in cluster A

LUST U003323743
UST N/A

Relative:
Higher

LUST:

Actual:
640 ft.

Facility ID: 00016938
Source: STATE OF MICHIGAN
Owner Name: Maschmeyer Concrete Co
Owner Address: 1142 Watertower Rd
Owner City,St,Zip: Lake Park, FL 33403-2316
Owner Contact: Not reported
Owner Phone: (561) 848-9112

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MASCHMEYER CONCRETE CO (Continued)

U003323743

Country: USA
District: SE Michigan District Office
Site Name: Maschmeyer Concrete Co
Latitude: 42.53034
Longitude: -83.11870
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0473-00
Release Date: 05/30/2000
Substance Released: Unknown
Release Status: Closed
Release Closed Date: 10/03/2000

UST:

Facility ID: 00016938
Facility Type: CLOSED
Owner Name: MASCHMEYER CONCRETE CO
Owner Address: 1142 WATERTOWER RD
Owner City,St,Zip: LAKE PARK, FL 33403-2316
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (561) 848-9112
Contact: Troy Maschmeyer
Contact Phone: (561) 848-9112
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
Latitude: 42.53034
Longitude: -83.11870

Tank ID: 1
Tank Status: **Removed from Ground**
Capacity: 6000
Product: Diesel
Install Date: 04/22/1966
Remove Date: 03/05/1998
Tank Release Detection: Tank Tightness Testing
Pipe Release Detection: Line Tightness Testing
Piping Material: Galvanized Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: **Removed from Ground**
Capacity: 10000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MASCHMEYER CONCRETE CO (Continued)

U003323743

Product: Diesel
Install Date: 04/22/1966
Remove Date: 05/01/1999
Tank Release Detection: Tank Tightness Testing
Pipe Release Detection: Line Tightness Testing
Piping Material: Bare Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

A4
SSE
< 1/8
0.058 mi.
305 ft.

BESCO GRAPHIC SYSTEMS CORP
32275 MALLY DR
MADISON HEIGHTS, MI
Site 3 of 3 in cluster A

RCRA NonGen / NLR **1000253088**
FINDS **MID115224057**

Relative:
Higher

RCRA NonGen / NLR:

Actual:
640 ft.

Date form received by agency: 12/31/2001
Facility name: BESCO GRAPHIC SYSTEMS CORP
Facility address: 32275 MALLY DR
MADISON HEIGHTS, MI 48071
EPA ID: MID115224057
Contact: ACE HRYCAK
Contact address: 32275 MALLY DR
MADISON HEIGHTS, MI 48071
Contact country: US
Contact telephone: (800) 633-0401
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2002
Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/2002
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BESCO GRAPHIC SYSTEMS CORP (Continued)

1000253088

Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 10/16/1986
Facility name: BESCO GRAPHIC SYSTEMS CORP
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003611501

Environmental Interest/Information System

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B5
West
1/8-1/4
0.158 mi.
833 ft.

CORVETTE RESTORATION SERVICES INC
32327 STEPHENSON HWY
MADISON HEIGHTS, MI 48071

RCRA-CESQG **1007099292**
MIK648287878

Site 1 of 2 in cluster B

Relative:
Higher

RCRA-CESQG:
Date form received by agency: 10/31/2003
Facility name: CORVETTE RESTORATION SERVICES INC
Facility address: 32327 STEPHENSON HWY
MADISON HEIGHTS, MI 48071
EPA ID: MIK648287878
Contact: WERNER MEIER
Contact address: 32327 STEPHENSON HWY

Actual:
640 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORVETTE RESTORATION SERVICES INC (Continued)

1007099292

MADISON HEIGHTS, MI 48071
Contact country: US
Contact telephone: (248) 583-0590
Contact email: Not reported
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: VETTE KING 5I LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 02/20/2003
Owner/Op end date: Not reported

Owner/operator name: VETTE KING 5I LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 02/20/2003
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CORVETTE RESTORATION SERVICES INC (Continued)

1007099292

Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

B6
West
1/8-1/4
0.158 mi.
833 ft.

32327 STEPHENSON HWY
MADISON HEIGHTS, MI 48071

EDR US Hist Auto Stat 1015425379
N/A

Site 2 of 2 in cluster B

Relative:
Higher

EDR Historical Auto Stations:

Name: MASTERWORKS AUTOMOTIVE SERVICE
Year: 2005
Address: 32327 STEPHENSON HWY

Name: MASTERWORKS AUTOMOTIVE SERVICE
Year: 2006
Address: 32327 STEPHENSON HWY

Name: MASTERWORKS AUTOMOTIVE SERVICE
Year: 2007
Address: 32327 STEPHENSON HWY

Name: MASTER WORKS AUTOMOTIVE SERVICES
Year: 2009
Address: 32327 STEPHENSON HWY

Name: MASTERWORKS AUTOMOTIVE SVC
Year: 2010
Address: 32327 STEPHENSON HWY

Name: MASTERWORKS AUTOMOTIVE SERVICE
Year: 2011
Address: 32327 STEPHENSON HWY

Name: MASTERWORKS AUTOMOTIVE SERVICE
Year: 2012
Address: 32327 STEPHENSON HWY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7
South
1/8-1/4
0.159 mi.
837 ft.

GULF & WESTERN MFG CO
1100 W WHITCOMB AVE
MADISON HEIGHTS, MI 48071

RCRA NonGen / NLR
FINDS

1000226556
MIT270010903

Relative:
Lower

RCRA NonGen / NLR:

Date form received by agency: 09/26/1980

Facility name: GULF & WESTERN MFG CO

Facility address: 1100 W WHITCOMB AVE
MADISON HEIGHTS, MI 48071

EPA ID: MIT270010903

Contact: SUSAN ONEIL

Contact address: 1100 W WHITCOMB AVE
MADISON HEIGHTS, MI 48071

Contact country: US

Contact telephone: (313) 583-9434

Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 01/03/1970

Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 01/03/1970

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

Treater, storer or disposer of HW: No

Underground injection activity: No

On-site burner exemption: No

Furnace exemption: No

Used oil fuel burner: No

Used oil processor: No

User oil refiner: No

Used oil fuel marketer to burner: No

Used oil Specification marketer: No

Used oil transfer facility: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GULF & WESTERN MFG CO (Continued)

1000226556

Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110009396180

Environmental Interest/Information System

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8
WSW
1/8-1/4
0.163 mi.
863 ft.

VULTRON INC
32217 STEPHENSON HWY
MADISON HEIGHTS, MI 48071

RCRA NonGen / NLR
FINDS
US AIRS

1000420197
MID980990493

Relative:
Higher

RCRA NonGen / NLR:

Date form received by agency: 07/31/2006

Facility name: VULTRON INC

Facility address: 32217 STEPHENSON HWY
MADISON HEIGHTS, MI 48071

EPA ID: MID980990493

Mailing address: 32210 STEPHENSON HWY
MADISON HEIGHTS, MI 48071

Contact: SUSAN SUCAET

Contact address: 32217 STEPHENSON HWY
MADISON HEIGHTS, MI 48071

Contact country: US

Contact telephone: (313) 583-1736

Contact email: Not reported

EPA Region: 05

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE

Owner/operator address: Not reported

Owner/operator country: Not reported

Owner/operator telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VULTRON INC (Continued)

1000420197

Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/01/2006
Owner/Op end date: Not reported

Owner/operator name: NO ACTIVE O/OP AS NOT GENERATING WASTE
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/01/2006
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 06/19/1984
Facility name: VULTRON INC
Classification: Not a generator, verified

Date form received by agency: 01/01/1980
Facility name: VULTRON INC
Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110001974310

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VULTRON INC (Continued)

1000420197

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AIRS (AFS):

Airs Minor Details:

EPA plant ID:	110001974310
Plant name:	VULTRON, INC.
Plant address:	32217 STEPHENSON HWY. MADISON HEIGHTS, MI 48017
County:	OAKLAND
Region code:	05
Dunn & Bradst #:	Not reported
Air quality cntrl region:	123
Sic code:	9999
Sic code desc:	NONCLASSIFIABLE ESTABLISHMENTS
North Am. industrial classf:	334419
NAIC code description:	Other Electronic Component Manufacturing
Default compliance status:	IN COMPLIANCE - INSPECTION
Default classification:	POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Govt facility:	ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT
Current HPV:	Not reported

Historical Compliance Minor Sources:

State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1004
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1101
Air prog code hist file:	SIP SOURCE
State compliance status:	IN COMPLIANCE - INSPECTION
Hist compliance date:	1102
Air prog code hist file:	SIP SOURCE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VULTRON INC (Continued)

1000420197

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1301
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1302
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1303
Air prog code hist file: SIP SOURCE

Compliance & Violation Data by Minor Sources:

Air program code: SIP SOURCE
Plant air program pollutant: OTHER
Default pollutant classification: POTENTIAL UNCONTROLLED EMISSIONS < 100 TONS/YEAR
Def. poll. compliance status: IN COMPLIANCE - INSPECTION
Def. attainment/non atnmnt: Not reported
Repeat violator date: Not reported
Turnover compliance: Not reported

**C9
SW
1/8-1/4
0.187 mi.
987 ft.**

**HENKEL CORP PARKER & AMCHEM
32100 STEPHENSON HWY
MADISON HEIGHTS, MI 48071**

**UST 1005465424
N/A**

Site 1 of 2 in cluster C

**Relative:
Higher**

UST:

Facility ID: 00012756
Facility Type: CLOSED
Owner Name: HENKEL CORP PARKER + AMCHEM
Owner Address: 32100 STEPHENSON HWY
Owner City,St,Zip: MADISON HTS, MI 48071-5514

**Actual:
640 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENKEL CORP PARKER & AMCHEM (Continued)

1005465424

Owner Country: USA
Owner Contact: Not reported
Owner Phone: (313) 583-9300
Contact: JACK GARAVANTA
Contact Phone: (313) 583-9300
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
Latitude: 42.52827
Longitude: -83.11951

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 12000
Product: #2 FUEL OIL
Install Date: 03/10/1970
Remove Date: 10/25/1990
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

C10
SW
1/8-1/4
0.187 mi.
987 ft.

HENKEL CORPORATION
32100 STEPHENSON HWY
MADISON HEIGHTS, MI 48071

RCRA-TSDF
CORRACTS
RCRA-LQG

1000269108
MID057676124

Site 2 of 2 in cluster C

Relative:
Higher

RCRA-TSDF:

Date form received by agency: 03/14/2012
Facility name: HENKEL CORPORATION
Facility address: 32100 STEPHENSON HWY
MADISON HEIGHTS, MI 48071

Actual:
640 ft.

EPA ID: MID057676124
Contact: TOM SNELL
Contact address: Not reported

Not reported
Contact country: Not reported
Contact telephone: (248) 577-2167
Contact email: Not reported

EPA Region: 05
Land type: Private
Classification: TSDF

Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENKEL CORPORATION (Continued)

1000269108

waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: HENKEL CORPORATION
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1980
Owner/Op end date: Not reported

Owner/operator name: HENKEL CORPORATION
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1987
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Thermostats

Map ID
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MAP FINDINGS

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HENKEL CORPORATION (Continued)

1000269108

Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: ANTIFREEZE: A MIXTURE CONTAINING ETHYLENE GLYCOL OR PROPYLENE GLYCOL
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: DEVICES CONTAINING ELEMENTAL MERCURY
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: MERCURY THERMOMETERS
Accumulated waste on-site: Yes
Generated waste on-site: No

Historical Generators:

Date form received by agency: 02/19/2010
Facility name: HENKEL CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 02/19/2010
Facility name: HENKEL CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/01/2008
Facility name: HENKEL CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 02/28/2008
Facility name: HENKEL CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 02/13/2007
Facility name: HENKEL CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/17/2006
Facility name: HENKEL CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/01/2006
Facility name: HENKEL CORPORATION
Site name: HENKEL TECHNOLOGIES
Classification: Large Quantity Generator

Date form received by agency: 03/29/2005
Facility name: HENKEL CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 04/14/2004
Facility name: HENKEL CORPORATION
Classification: Large Quantity Generator

Date form received by agency: 03/01/2004
Facility name: HENKEL CORPORATION
Site name: HENKEL SURFACE TECHNOLOGIES
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENKEL CORPORATION (Continued)

1000269108

Date form received by agency: 03/01/2002

Facility name: HENKEL CORPORATION

Site name: HENKEL SURFACE TECHNOLOGIES

Classification: Large Quantity Generator

Date form received by agency: 02/28/2002

Facility name: HENKEL CORPORATION

Classification: Large Quantity Generator

Date form received by agency: 02/29/2000

Facility name: HENKEL CORPORATION

Site name: HENKEL SURFACE TECHNOLOGIES

Classification: Large Quantity Generator

Date form received by agency: 02/27/1998

Facility name: HENKEL CORPORATION

Site name: HENKEL SURFACE TECHNOLOGIES

Classification: Large Quantity Generator

Date form received by agency: 07/31/1995

Facility name: HENKEL CORPORATION

Classification: Small Quantity Generator

Date form received by agency: 02/27/1992

Facility name: HENKEL CORPORATION

Site name: PARKER & AMCHEM, HENKEL CORP.

Classification: Large Quantity Generator

Date form received by agency: 11/18/1980

Facility name: HENKEL CORPORATION

Classification: Not a generator, verified

Date form received by agency: 08/18/1980

Facility name: HENKEL CORPORATION

Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002

Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003

Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS

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MAP FINDINGS

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EPA ID Number

HENKEL CORPORATION (Continued)

1000269108

NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Waste code: D005
Waste name: BARIUM

Waste code: D006
Waste name: CADMIUM

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D009
Waste name: MERCURY

Waste code: D015
Waste name: TOXAPHENE

Waste code: D018
Waste name: BENZENE

Waste code: D035
Waste name: METHYL ETHYL KETONE

Waste code: D039
Waste name: TETRACHLOROETHYLENE

Waste code: D040
Waste name: TRICHLOROETHYLENE

Waste code: D043
Waste name: VINYL CHLORIDE

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

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HENKEL CORPORATION (Continued)

1000269108

SPENT SOLVENT MIXTURES.

Waste code:	F003
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste code:	F005
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste code:	P005
Waste name:	ALLYL ALCOHOL
Waste code:	U004
Waste name:	ACETOPHENONE
Waste code:	U080
Waste name:	METHANE, DICHLORO-
Waste code:	U117
Waste name:	ETHANE, 1,1'-OXYBIS-(I)
Waste code:	U147
Waste name:	2,5-FURANDIONE
Waste code:	U162
Waste name:	METHYL METHACRYLATE (I,T)
Waste code:	U188
Waste name:	PHENOL
Waste code:	U190
Waste name:	1,3-ISOBENZOFURANDIONE
Waste code:	U201
Waste name:	1,3-BENZENEDIOL
Waste code:	U219
Waste name:	THIOUREA
Waste code:	D001
Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE

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EPA ID Number

HENKEL CORPORATION (Continued)

1000269108

FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 5434.3

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 1867.6

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Amount (Lbs): 1317.1

Waste code: D005
Waste name: BARIUM
Amount (Lbs): 2158.1

Waste code: D006
Waste name: CADMIUM
Amount (Lbs): 91.3

Waste code: D007
Waste name: CHROMIUM
Amount (Lbs): 1280.3

Waste code: D008
Waste name: LEAD
Amount (Lbs): 149.4

Waste code: D009
Waste name: MERCURY
Amount (Lbs): 1312.4

Map ID
Direction
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MAP FINDINGS

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EDR ID Number
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HENKEL CORPORATION (Continued)

1000269108

Waste code: D015
Waste name: TOXAPHENE
Amount (Lbs): 91.3

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 1062.4

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 3310.3

Waste code: D039
Waste name: TETRACHLOROETHYLENE
Amount (Lbs): 224.1

Waste code: D040
Waste name: TRICHLOROETHYLENE
Amount (Lbs): 3733.6

Waste code: D043
Waste name: VINYL CHLORIDE
Amount (Lbs): 58.1

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 3111.1

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 589.3

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENKEL CORPORATION (Continued)

1000269108

Amount (Lbs):	MIXTURES. 2438.8
Waste code:	F005
Waste name:	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs):	2488.6
Waste code:	P005
Waste name:	ALLYL ALCOHOL
Amount (Lbs):	8.3
Waste code:	U004
Waste name:	ACETOPHENONE
Amount (Lbs):	66.4
Waste code:	U080
Waste name:	METHANE, DICHLORO-
Amount (Lbs):	91.3
Waste code:	U117
Waste name:	ETHANE, 1,1'-OXYBIS-(I)
Amount (Lbs):	8.3
Waste code:	U147
Waste name:	2,5-FURANDIONE
Amount (Lbs):	149.4
Waste code:	U162
Waste name:	METHYL METHACRYLATE (I,T)
Amount (Lbs):	83
Waste code:	U188
Waste name:	PHENOL
Amount (Lbs):	66.4
Waste code:	U190
Waste name:	1,3-ISOBENZOFURANDIONE
Amount (Lbs):	33.2
Waste code:	U201
Waste name:	1,3-BENZENEDIOL
Amount (Lbs):	49.8
Waste code:	U219
Waste name:	THIOUREA
Amount (Lbs):	116.2

Corrective Action Summary:

Event date:	09/14/1992
Event:	CA Prioritization, Facility or area was assigned a low corrective

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENKEL CORPORATION (Continued)

1000269108

action priority.

Event date: 05/01/2009
Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 08/18/2005
Date achieved compliance: 01/26/2006
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/28/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - Conditions
Date violation determined: 12/18/2001
Date achieved compliance: 07/19/2005
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/18/2001
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - Conditions
Date violation determined: 12/18/2001
Date achieved compliance: 07/19/2005
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 03/23/2005
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/21/1999
Date achieved compliance: 02/16/2000
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/06/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENKEL CORPORATION (Continued)

1000269108

Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 07/08/1992
Date achieved compliance: 07/08/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/08/1992
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 07/14/1991
Date achieved compliance: 07/07/1992
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/14/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 02/20/1991
Date achieved compliance: 04/11/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/07/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 09/28/1990
Date achieved compliance: 01/29/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/28/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENKEL CORPORATION (Continued)

1000269108

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 04/05/1990
Date achieved compliance: 01/29/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/05/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 03/08/1990
Date achieved compliance: 01/29/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/12/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 03/08/1990
Date achieved compliance: 01/29/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/12/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 02/15/1989
Date achieved compliance: 01/29/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/31/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENKEL CORPORATION (Continued)

1000269108

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 02/15/1989
Date achieved compliance: 04/17/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/16/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 02/15/1989
Date achieved compliance: 01/29/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/16/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 02/15/1989
Date achieved compliance: 04/27/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/16/1989
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General
Date violation determined: 02/10/1988
Date achieved compliance: 05/12/1988
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/22/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENKEL CORPORATION (Continued)

1000269108

Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 08/03/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 08/18/2005
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 01/26/2006
Evaluation lead agency: State

Evaluation date: 12/18/2001
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Permits - Conditions
Date achieved compliance: 07/19/2005
Evaluation lead agency: State

Evaluation date: 09/21/1999
Evaluation: FOCUSED COMPLIANCE INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/21/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/16/2000
Evaluation lead agency: EPA

Evaluation date: 07/08/1992
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 07/08/1992
Evaluation lead agency: State

Evaluation date: 11/26/1991
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/14/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 07/07/1992
Evaluation lead agency: State

Evaluation date: 02/20/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 04/11/1991
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENKEL CORPORATION (Continued)

1000269108

Evaluation date: 09/28/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 01/29/1991
Evaluation lead agency: State

Evaluation date: 04/05/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 01/29/1991
Evaluation lead agency: State

Evaluation date: 03/08/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 01/29/1991
Evaluation lead agency: State

Evaluation date: 03/08/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 01/29/1991
Evaluation lead agency: State

Evaluation date: 02/15/1989
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 01/29/1991
Evaluation lead agency: State

Evaluation date: 02/15/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 04/17/1989
Evaluation lead agency: State

Evaluation date: 02/15/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 04/27/1989
Evaluation lead agency: State

Evaluation date: 02/10/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 05/12/1988
Evaluation lead agency: State

CORRACTS:

EPA ID: MID057676124
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 20090501
Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
NAICS Code(s): 325998
All Other Miscellaneous Chemical Product and Preparation Manufacturing

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

HENKEL CORPORATION (Continued)

1000269108

Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID057676124
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19920914
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 325998
All Other Miscellaneous Chemical Product and Preparation Manufacturing

Original schedule date: Not reported
Schedule end date: Not reported

11
WNW
1/8-1/4
0.190 mi.
1002 ft.

TSM CORP
32475 STEPHENSON HWY
MADISON HEIGHTS, MI

RCRA NonGen / NLR **1000109069**
FINDS **MID981196520**

Relative:
Higher

RCRA NonGen / NLR:
Date form received by agency: 09/17/1998
Facility name: TSM CORP
Facility address: 32475 STEPHENSON HWY
MADISON HEIGHTS, MI 48071

EPA ID: MID981196520
Contact: LAWRENCE SMITH
Contact address: 32475 STEPHENSON HWY
MADISON HEIGHTS, MI 48071

Contact country: US
Contact telephone: (313) 583-0537
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Actual:
642 ft.

Owner/Operator Summary:

Owner/operator name: MAENTZ THOMAS S
Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: MAENTZ THOMAS S
Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TSM CORP (Continued)

1000109069

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 04/07/1986
Facility name: TSM CORP
Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003619781

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

D12
ESE
1/8-1/4
0.194 mi.
1026 ft.

SUNOCO INC
32091 CONCORD DR
MADISON HEIGHTS, MI

RCRA NonGen / NLR
FINDS

1000330965
MID000673806

Site 1 of 2 in cluster D

Relative:
Lower

RCRA NonGen / NLR:

Actual:
639 ft.

Date form received by agency: 08/18/1980
Facility name: SUNOCO INC
Facility address: 32091 CONCORD DR
MADISON HEIGHTS, MI 48071
EPA ID: MID000673806
Contact: KONSTANTINOS MANIATAKIS
Contact address: 32091 CONCORD DR
MADISON HEIGHTS, MI 48071
Contact country: US
Contact telephone: (312) 555-1212
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: SUNOCO SERVICE STATION
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: SUNOCO SERVICE STATION
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUNOCO INC (Continued)

1000330965

Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110003573393

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

D13
East
1/8-1/4
0.197 mi.
1039 ft.

32182 CONCORD DR
MADISON HEIGHTS, MI 48071

EDR US Hist Auto Stat 1015423977
N/A

Site 2 of 2 in cluster D

Relative:
Lower

EDR Historical Auto Stations:

Name: ROIG AUTOMOTIVE DESIGN INTER

Year: 2004

Actual:
639 ft.

Address: 32182 CONCORD DR

14
SSW
1/8-1/4
0.231 mi.
1218 ft.

SCOTT AND ITOH MACHINE CO
31690 STEPHENSON HWY
MADISON HEIGHTS, MI

RCRA-SQG 1000841598
FINDS MID985581289

Relative:
Higher

RCRA-SQG:

Date form received by agency: 05/07/2013

Facility name: SCOTT AND ITOH MACHINE CO

Facility address: 31690 STEPHENSON HWY
MADISON HEIGHTS, MI 48071

EPA ID: MID985581289

Contact: ROBERT M HURLBERT

Contact address: Not reported

Contact country: Not reported

Contact telephone: (248) 585-5385

Telephone ext.: 103

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCOTT AND ITOH MACHINE CO (Continued)

1000841598

Contact email: BHURLBERT@SCOTT-ITOH.COM
EPA Region: 05
Land type: Private
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: SCOTT JEFFERY M
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/19/1984
Owner/Op end date: Not reported

Owner/operator name: SCOTT JEFFERY M
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 06/19/1984
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Universal Waste Summary:

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: Yes

Historical Generators:

Date form received by agency: 06/19/2012

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCOTT AND ITOH MACHINE CO (Continued)

1000841598

Facility name: SCOTT AND ITOH MACHINE CO
Classification: Small Quantity Generator

Date form received by agency: 04/08/2011

Facility name: SCOTT AND ITOH MACHINE CO
Classification: Small Quantity Generator

Date form received by agency: 03/06/2006

Facility name: SCOTT AND ITOH MACHINE CO
Classification: Small Quantity Generator

Date form received by agency: 08/31/2004

Facility name: SCOTT AND ITOH MACHINE CO
Classification: Small Quantity Generator

Date form received by agency: 06/19/1990

Facility name: SCOTT AND ITOH MACHINE CO
Classification: Small Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 11/04/2010
Date achieved compliance: 07/01/2011
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/30/2010
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 10/24/1994
Date achieved compliance: 02/21/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/24/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCOTT AND ITOH MACHINE CO (Continued)

1000841598

Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 11/04/2010
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 07/01/2011
Evaluation lead agency: State

Evaluation date: 10/18/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/21/1995
Evaluation lead agency: State

FINDS:

Registry ID: 110003641453

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

15
NNW
1/4-1/2
0.301 mi.
1590 ft.

SAFIEDINE STEPHENSON LLC
32831 STEPHENSON HWY
MADISON HEIGHTS, MI 48066

LUST **U003102997**
UST **N/A**
WDS

Relative:
Higher

LUST:

Actual:
643 ft.

Facility ID: 00016663
Source: STATE OF MICHIGAN
Owner Name: Safiedine Oil
Owner Address: 30401 Utica Rd
Owner City,St,Zip: Roseville, MI 48066
Owner Contact: Not reported
Owner Phone: (586) 498-9670
Country: USA
District: SE Michigan District Office
Site Name: Mobil #03-scp
Latitude: 42.53364
Longitude: -83.12097
Date of Collection: 08/03/2007
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-2467-91
Release Date: 11/05/1991
Substance Released: Unknown

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFIEDINE STEPHENSON LLC (Continued)

U003102997

Release Status: Closed
Release Closed Date: 11/07/1996

UST:

Facility ID: 00016663
Facility Type: ACTIVE
Owner Name: SAFIEDINE OIL
Owner Address: 30401 UTICA RD
Owner City,St,Zip: ROSEVILLE, MI 48066
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (586) 498-9670
Contact: Jim Safiedine
Contact Phone: (248) 789-2997
Date of Collection: 08/03/2007
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: GPS Code Meas. Standard Positioning Service SA Off
Latitude: 42.53364
Longitude: -83.12097

Tank ID: 1
Tank Status: **Currently In Use**
Capacity: 10000
Product: Gasoline
Install Date: 04/22/1983
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Construction Material: Fiberglass Reinforced plastic
Impressed Device: No

Tank ID: 2
Tank Status: **Currently In Use**
Capacity: 12000
Product: Gasoline
Install Date: 04/22/1983
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging
Pipe Realease Detection: Automatic Line Leak Detectors,Line Tightness Testing
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Construction Material: Fiberglass Reinforced plastic
Impressed Device: No

Tank ID: 3
Tank Status: **Currently In Use**
Capacity: 6000
Product: Gasoline
Install Date: 04/22/1983

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFIEDINE STEPHENSON LLC (Continued)

U003102997

Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging
Pipe Release Detection: Automatic Line Leak Detectors, Line Tightness Testing
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Construction Material: Fiberglass Reinforced plastic
Impressed Device: No

Tank ID: 4
Tank Status: Currently In Use
Capacity: 6000
Product: Gasoline
Install Date: 04/22/1983
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging
Pipe Release Detection: Automatic Line Leak Detectors, Line Tightness Testing
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Construction Material: Fiberglass Reinforced plastic
Impressed Device: No

WDS:
Site Id: MID985616192
WMD Id: 405505
Site Specific Name: EXXONMOBIL #13289
Mailing Address: 12265 W BAYAUD AVE
Mailing City/State/Zip: 80228
Mailing County: Not reported

16
NNW
1/4-1/2
0.354 mi.
1869 ft.

**BECKER MANUFACTURING
130 STEPHENSON HWY
TROY, MI 99999**

**LUST S102404967
WDS N/A**

**Relative:
Higher**

LUST:
Facility ID: 50000609
Source: STATE OF MICHIGAN
Owner Name: Nrt Owner
Owner Address: Unknown
Owner City, St, Zip: Unknown, MI 99999
Owner Contact: Not reported
Owner Phone: Not reported
Country: USA
District: SE Michigan District Office
Site Name: Becker Mfg
Latitude: 42.53529
Longitude: -83.11984
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

**Actual:
644 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BECKER MANUFACTURING (Continued)

S102404967

Leak Number: C-2512-90
Release Date: 11/27/1990
Substance Released: Not reported
Release Status: Closed
Release Closed Date: 03/11/1993

WDS:

Site Id: MID005356985
WMD Id: 393441
Site Specific Name: JIM ROBBINS CO
Mailing Address: 130 STEPHENSON HWY
Mailing City/State/Zip: 48083
Mailing County: OAKLAND

**17
NE
1/4-1/2
0.371 mi.
1958 ft.**

**J.C PENNEY
700 W 14 MILE RD
TROY, MI 48083**

**LUST U002302829
UST N/A
WDS**

**Relative:
Lower**

LUST:

Facility ID: 00005330
Source: STATE OF MICHIGAN
Owner Name: Jc Penney Corp Inc
Owner Address: 310 S MAIN ST
Owner City,St,Zip: SALT LAKE CITY, UT 84101-2105
Owner Contact: Not reported
Owner Phone: (616) 342-0291
Country: USA
District: SE Michigan District Office
Site Name: J.c. Penney (oakland Mall)
Latitude: 42.53413
Longitude: -83.11348
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

**Actual:
639 ft.**

Leak Number: C-2308-92
Release Date: 12/29/1992
Substance Released: Diesel
Release Status: Closed
Release Closed Date: 04/29/1994

UST:

Facility ID: 00005330
Facility Type: CLOSED
Owner Name: JC PENNEY CORP INC
Owner Address: 310 S MAIN ST
Owner City,St,Zip: SALT LAKE CITY, UT 84101-2105
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (616) 342-0291
Contact: DAVID GREIN
Contact Phone: (313) 583-3400
Date of Collection: 01/11/2001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

J.C PENNEY (Continued)

U002302829

Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
Latitude: 42.53413
Longitude: -83.11348

Tank ID: 1
Tank Status: **Removed from Ground**
Capacity: 280
Product: Diesel
Install Date: 04/15/1980
Remove Date: 12/29/1992
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: **Removed from Ground**
Capacity: 550
Product: Used Oil
Install Date: 04/15/1980
Remove Date: 01/01/1987
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

WDS:
Site Id: MIK121195913
WMD Id: 437227
Site Specific Name: J C PENNEY STORE 1352
Mailing Address: 700 W 14 MILE RD
Mailing City/State/Zip: 48083
Mailing County: OAKLAND

E18
NE
1/4-1/2
0.393 mi.
2074 ft.

DDR STATION
510 W 14 MILE RD
TROY, MI

Site 1 of 3 in cluster E

Relative:
Lower

RCRA NonGen / NLR:
Date form received by agency: 04/15/1999
Facility name: DDR STATION
Facility address: 510 W 14 MILE RD
TROY, MI 48083
EPA ID: MI0000034249

Actual:
638 ft.

RCRA NonGen / NLR
FINDS
LUST
WDS

1000865409
MI0000034249

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DDR STATION (Continued)

1000865409

Mailing address: 27780 NOVI RD
NOVI, MI 48377
Contact: DONALD DEL ROSE
Contact address: 510 W 14 MILE RD
TROY, MI 48083
Contact country: US
Contact telephone: (313) 725-1537
Contact email: Not reported
EPA Region: 05
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: DEL ROSE DONALD
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Owner/operator name: DEL ROSE DONALD
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1970
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 10/22/1993
Facility name: DDR STATION
Classification: Not a generator, verified

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DDR STATION (Continued)

1000865409

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Violation Status: No violations found

FINDS:

Registry ID: 110008438707

Environmental Interest/Information System

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LUST:

Facility ID: 50001133
Source: STATE OF MICHIGAN
Owner Name: Nrt Owner
Owner Address: Unknown
Owner City,St,Zip: Unknown, MI 99999
Owner Contact: Not reported
Owner Phone: Not reported
Country: USA
District: SE Michigan District Office
Site Name: Ddr Enterprises
Latitude: 42.53416
Longitude: -83.11191
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-1383-93
Release Date: 10/22/1993
Substance Released: Gasoline
Release Status: Open
Release Closed Date: Not reported

WDS:

Site Id: MI0000034249
WMD Id: 390250
Site Specific Name: DDR STATION
Mailing Address: 27780 NOVI RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DDR STATION (Continued)

1000865409

Mailing City/State/Zip: 48377
Mailing County: OAKLAND

E19
NE
1/4-1/2
0.394 mi.
2081 ft.

OAKLAND TUNE UP CENTER (FORMER)
501 W. 14 MILE ROAD
MADISON HEIGHTS, MI 48071

SHWS S110300671
N/A

Site 2 of 3 in cluster E

Relative:
Lower

SHWS:

Facility ID: 63005217
Facility Status: Evaluation conducted
Source: Gasoline Service Station
SAM Score: 36
SAM Score Date: 02/03/2010
Township: 1
Range: N11
Section: 2
Quarter: NW
Quarter/Quarter: NW
Pollutants: 1,2,4 TMB; Xylenes

Actual:
638 ft.

E20
NE
1/4-1/2
0.394 mi.
2081 ft.

COMMERCIAL PROPERTY
501 WEST 14 MILE ROAD
MADISON HEIGHTS, MI

BEA S106521721
N/A

Site 3 of 3 in cluster E

Relative:
Lower

BEA:

Secondary Address: Not reported
BEA Number: 2452
District: Southeast MI
Date Received: 07/13/2004
Submitter Name: OLB, LLC
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: berakr
Division Assigned: Environmental Response Division

Actual:
638 ft.

21
North
1/4-1/2
0.414 mi.
2184 ft.

VALEO INC
150 STEPHENSON HWY
TROY, MI 48083

BEA S108488128
WDS N/A

Relative:
Higher

BEA:

Secondary Address: Not reported
BEA Number: 3701
District: Southeast MI
Date Received: 10/26/2007
Submitter Name: Westminster Troy, LLC
Petition Determination: No Request
Petition Disclosure: 0

Actual:
644 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VALEO INC (Continued)

S108488128

Category: Different Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: mathewsb
Division Assigned: Environmental Response Division

Secondary Address: Not reported
BEA Number: 3574
District: Southeast MI
Date Received: 05/25/2007
Submitter Name: 150 Stephenson, LLC
Petition Determination: No Request
Petition Disclosure: 0
Category: Different Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: mathewsb
Division Assigned: Environmental Response Division

WDS:

Site Id: MIK852654367
WMD Id: 487208
Site Specific Name: VALEO INC
Mailing Address: 150 STEPHENSON HWY
Mailing City/State/Zip: 48083
Mailing County: OAKLAND

**22
NNW
1/4-1/2
0.422 mi.
2227 ft.**

**250 STEPHENSON HIGHWAY PROPERTY
250 STEPHENSON HIGHWAY
TROY, MI**

**BEA S108986732
N/A**

**Relative:
Higher**

BEA:

Secondary Address: Not reported
BEA Number: 3805
District: Southeast MI
Date Received: 02/26/2008
Submitter Name: 250 Stephenson Associates, LLC
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: tiernang
Division Assigned: Environmental Response Division

**Actual:
644 ft.**

**F23
SSW
1/4-1/2
0.425 mi.
2246 ft.**

**FERNDAL FASTNER DIVISION
31600 STEPHENSON HWY
MADISON HEIGHTS, MI 48071**

**LUST U000262465
UST N/A**

Site 1 of 3 in cluster F

**Relative:
Higher**

LUST:

Facility ID: 00021641
Source: STATE OF MICHIGAN
Owner Name: Ring Screw Works
Owner Address: 31550 Stephenson Hwy
Owner City,St,Zip: Madison Heights, MI 48071-1609

**Actual:
640 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FERNDAL FASTNER DIVISION (Continued)

U000262465

Owner Contact: Not reported
Owner Phone: (313) 583-6620
Country: USA
District: SE Michigan District Office
Site Name: Ferndale Fastener - Ring Screw W
Latitude: 42.52436
Longitude: -83.11956
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-2058-92
Release Date: 12/02/1992
Substance Released: Unknown,Unknown
Release Status: Closed
Release Closed Date: 12/16/1994

UST:

Facility ID: 00021641
Facility Type: CLOSED
Owner Name: RING SCREW WORKS
Owner Address: 31550 STEPHENSON HWY
Owner City,St,Zip: MADISON HEIGHTS, MI 48071-1609
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (313) 583-6620
Contact: GUS AVGOUSTIS
Contact Phone: (313) 583-6611
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
Latitude: 42.52436
Longitude: -83.11956

Tank ID: 1
Tank Status: **Removed from Ground**
Capacity: 1000
Product: AMOGear LPISD
Install Date: 05/18/1968
Remove Date: 06/11/1993
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Cathodically Protected,Galvanized Steel,SCOTCH WRAP
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel,Cathodically Protected Steel
Impressed Device: No

Tank ID: 2

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FERNDAL FASTNER DIVISION (Continued)

U000262465

Tank Status: Removed from Ground
Capacity: 1000
Product: WAYTAC 100
Install Date: 05/18/1968
Remove Date: 06/11/1993
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Cathodically Protected,Galvanized Steel,SCOTCH WRAP
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel,Cathodically Protected Steel
Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 1000
Product: Hazardous Substance
Install Date: 05/18/1968
Remove Date: 06/11/1993
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Cathodically Protected,Galvanized Steel,SCOTCH WRAP
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel,Cathodically Protected Steel
Impressed Device: No

Tank ID: 4
Tank Status: Removed from Ground
Capacity: 1000
Product: Used Oil
Install Date: 05/18/1968
Remove Date: 06/11/1993
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Cathodically Protected,Galvanized Steel,SCOTCH WRAP
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel,Cathodically Protected Steel
Impressed Device: No

Tank ID: 5
Tank Status: Removed from Ground
Capacity: 1000
Product: Used Oil
Install Date: 05/18/1968
Remove Date: 06/11/1993
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Cathodically Protected,Galvanized Steel,SCOTCH WRAP
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel,Cathodically Protected Steel
Impressed Device: No

Tank ID: 6
Tank Status: Removed from Ground

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

FERNDALE FASTNER DIVISION (Continued)

U000262465

Capacity: 8500
Product: EPPERT QUENCH OIL
Install Date: 05/18/1968
Remove Date: 06/11/1993
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Cathodically Protected, Galvanized Steel, SCOTCH WRAP
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel, Cathodically Protected Steel
Impressed Device: No

Tank ID: 7
Tank Status: Removed from Ground
Capacity: 12000
Product: Used Oil
Install Date: 01/01/1964
Remove Date: 06/17/1993
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Construction Material: Concrete
Impressed Device: No

F24
SSW
1/4-1/2
0.425 mi.
2246 ft.
LAMPHERE SCHOOLS- TRANSPORTATION FACILITY
31600 AGNELLO DR
MADISON HEIGHTS, MI 48071
Site 2 of 3 in cluster F

LUST
UST
WDS
U003320933
N/A

Relative:
Higher
Actual:
640 ft.
LUST:
Facility ID: 00006735
Source: STATE OF MICHIGAN
Owner Name: Lamphere Schools
Owner Address: 31201 Dorchester Ave
Owner City, St, Zip: Madison Heights, MI 48071-1075
Owner Contact: Not reported
Owner Phone: (313) 589-1990
Country: USA
District: SE Michigan District Office
Site Name: Lamphere Schools
Latitude: 42.52173
Longitude: -83.11258
Date of Collection: 10/05/2004
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-1318-91
Release Date: 07/01/1991
Substance Released: Unknown
Release Status: Closed
Release Closed Date: 07/28/1995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAMPHERE SCHOOLS- TRANSPORTATION FACILITY (Continued)

U003320933

UST:

Facility ID: 00006735
Facility Type: ACTIVE
Owner Name: LAMPHERE SCHOOLS
Owner Address: 31201 DORCHESTER AVE
Owner City,St,Zip: MADISON HEIGHTS, MI 48071-1075
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (313) 589-1990
Contact: Steve Charron
Contact Phone: (248) 589-0708
Date of Collection: 10/05/2004
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
Latitude: 42.52173
Longitude: -83.11258

Tank ID: 1
Tank Status: Removed from Ground
Capacity: 5000
Product: Gasoline
Install Date: 02/20/1978
Remove Date: 07/01/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Gravity Fed?
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: Removed from Ground
Capacity: 5000
Product: Gasoline
Install Date: 02/20/1978
Remove Date: 07/01/1991
Tank Release Detection: Not reported
Pipe Realease Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Gravity Fed?
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 3
Tank Status: Currently In Use
Capacity: 10000
Product: Diesel
Install Date: 07/16/1991
Remove Date: Not reported
Tank Release Detection: Automatic Tank Gauging, Interstitial Monitoring Double Walled Tank

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LAMPHERE SCHOOLS- TRANSPORTATION FACILITY (Continued)

U003320933

Pipe Release Detection: Automatic Line Leak Detectors, Interstitial Monitoring Double Walled
Piping

Piping Material: Fiberglass Reinforced Plastic, Double Walled
Piping Type: Pressure
Construction Material: Fiberglass Reinforced Plastic, Double Walled
Impressed Device: No

Tank ID: 4
Tank Status: Currently In Use

Capacity: 10000
Product: Gasoline
Install Date: 07/16/1991
Remove Date: Not reported

Tank Release Detection: Automatic Tank Gauging, Interstitial Monitoring Double Walled Tank
Pipe Release Detection: Automatic Line Leak Detectors, Interstitial Monitoring Double Walled
Piping

Piping Material: Fiberglass Reinforced Plastic, Double Walled
Piping Type: Pressure
Construction Material: Fiberglass Reinforced Plastic, Double Walled
Impressed Device: No

WDS:

Site Id: MID985616218
WMD Id: 405507
Site Specific Name: LAMPHERE SCHOOLS OPERATIONS
Mailing Address: 31600 AGNELLO DR
Mailing City/State/Zip: 48071
Mailing County: OAKLAND

25
NE
1/4-1/2
0.443 mi.
2337 ft.

OAKLAND MALL LLC
412 WEST 14 MILE RD
TROY, MI 48083

LUST S113453396
N/A

Relative:
Lower

LUST:

Actual:
637 ft.

Facility ID: 00041801
Source: STATE OF MICHIGAN
Owner Name: Oakland Mall LLC
Owner Address: 412 West 14 Mile Rd
Owner City,St,Zip: Rochester Hills, Mi 48083
Owner Contact: Not reported
Owner Phone: (248) 585-4114
Country: USA
District: SE Michigan District Office
Site Name: Oakland Mall LLC
Latitude: 42.53383
Longitude: -83.11081
Date of Collection: Not reported
Method of Collection: Interpolation-Map
Accuracy: 15
Accuracy Value Unit: METERS
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND MALL LLC (Continued)

S113453396

Leak Number: C-0255-08
Release Date: 11/17/2008
Substance Released: Diesel
Release Status: Closed
Release Closed Date: 03/08/2013

F26
SSW
1/4-1/2
0.444 mi.
2344 ft.

COMMERCIAL STEEL TREATING CORP
31440 STEPHENSON HWY
MADISON HEIGHTS, MI 48071

RCRA-LQG
LUST
UST

1000298053
MID005319413

Site 3 of 3 in cluster F

Relative:
Higher

RCRA-LQG:

Actual:
640 ft.

Date form received by agency: 04/25/2013
Facility name: COMMERCIAL STEEL TREATING CORP
Facility address: 31440 STEPHENSON HWY
MADISON HEIGHTS, MI 48071
EPA ID: MID005319413
Contact: AJAY K JAIN
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (248) 588-3300
Telephone ext.: 226
Contact email: Not reported
EPA Region: 05
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: RALPH HOENSHEID
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1953
Owner/Op end date: Not reported

Owner/operator name: CRAIG P HOENSHEID
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMERCIAL STEEL TREATING CORP (Continued)

1000298053

Owner/Operator Type: Operator
Owner/Op start date: 01/01/2003
Owner/Op end date: Not reported

Owner/operator name: SCOTT M HOENSHEID
Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private

Owner/Operator Type: Owner
Owner/Op start date: 01/01/2003
Owner/Op end date: Not reported

Owner/operator name: RALPH HOENSHEID
Owner/operator address: Not reported
Not reported

Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private

Owner/Operator Type: Owner
Owner/Op start date: 01/01/1953
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 04/04/2011
Facility name: COMMERCIAL STEEL TREATING CORP
Classification: Large Quantity Generator

Date form received by agency: 04/02/2009
Facility name: COMMERCIAL STEEL TREATING CORP
Classification: Large Quantity Generator

Date form received by agency: 03/01/2008
Facility name: COMMERCIAL STEEL TREATING CORP
Classification: Large Quantity Generator

Date form received by agency: 02/14/2008
Facility name: COMMERCIAL STEEL TREATING CORP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMERCIAL STEEL TREATING CORP (Continued)

1000298053

Classification: Large Quantity Generator

Date form received by agency: 03/08/2007

Facility name: COMMERCIAL STEEL TREATING CORP

Classification: Large Quantity Generator

Date form received by agency: 03/01/2006

Facility name: COMMERCIAL STEEL TREATING CORP

Classification: Large Quantity Generator

Date form received by agency: 02/20/2006

Facility name: COMMERCIAL STEEL TREATING CORP

Classification: Large Quantity Generator

Date form received by agency: 04/01/2004

Facility name: COMMERCIAL STEEL TREATING CORP

Classification: Large Quantity Generator

Date form received by agency: 03/01/2004

Facility name: COMMERCIAL STEEL TREATING CORP

Classification: Large Quantity Generator

Date form received by agency: 03/19/2003

Facility name: COMMERCIAL STEEL TREATING CORP

Classification: Large Quantity Generator

Date form received by agency: 03/01/2002

Facility name: COMMERCIAL STEEL TREATING CORP

Classification: Large Quantity Generator

Date form received by agency: 03/01/2002

Facility name: COMMERCIAL STEEL TREATING CORP

Classification: Large Quantity Generator

Date form received by agency: 05/04/2000

Facility name: COMMERCIAL STEEL TREATING CORP

Classification: Large Quantity Generator

Date form received by agency: 07/14/1999

Facility name: COMMERCIAL STEEL TREATING CORP

Classification: Large Quantity Generator

Date form received by agency: 08/06/1980

Facility name: COMMERCIAL STEEL TREATING CORP

Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001

Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMERCIAL STEEL TREATING CORP (Continued)

1000298053

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 01/29/2004
Date achieved compliance: 06/04/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/11/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/29/2004
Date achieved compliance: 06/04/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/11/2004
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 07/13/1999
Date achieved compliance: 09/15/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/13/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: LDR - General
Date violation determined: 07/13/1999
Date achieved compliance: 09/15/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/13/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMERCIAL STEEL TREATING CORP (Continued)

1000298053

Regulation violated: Not reported
Area of violation: Used Oil - Generators
Date violation determined: 07/13/1999
Date achieved compliance: 09/15/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/13/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 07/13/1999
Date achieved compliance: 09/15/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/13/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 09/02/1994
Date achieved compliance: 06/06/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/02/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 08/04/2009
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/29/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 06/04/2004
Evaluation lead agency: State

Evaluation date: 01/29/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMERCIAL STEEL TREATING CORP (Continued)

1000298053

Area of violation: Generators - General
Date achieved compliance: 06/04/2004
Evaluation lead agency: State

Evaluation date: 07/08/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/15/1999
Evaluation lead agency: State

Evaluation date: 07/08/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 09/15/1999
Evaluation lead agency: State

Evaluation date: 07/08/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 09/15/1999
Evaluation lead agency: State

Evaluation date: 07/08/1999
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Used Oil - Generators
Date achieved compliance: 09/15/1999
Evaluation lead agency: State

Evaluation date: 09/02/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/06/1995
Evaluation lead agency: State

LUST:

Facility ID: 00014130
Source: STATE OF MICHIGAN
Owner Name: Commercial Steel Treating Corp
Owner Address: 31440 Stephenson Hwy
Owner City,St,Zip: Madison Hts, MI 48071-1621
Owner Contact: Not reported
Owner Phone: (248) 588-3300
Country: USA
District: SE Michigan District Office
Site Name: Commercial Steel Treating
Latitude: 42.52308
Longitude: -83.11948
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Leak Number: C-0025-91
Release Date: 01/07/1991
Substance Released: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMERCIAL STEEL TREATING CORP (Continued)

1000298053

Release Status: Open
Release Closed Date: Not reported

Leak Number: C-0770-95
Release Date: 06/22/1995
Substance Released: Unknown
Release Status: Open
Release Closed Date: Not reported

Leak Number: C-0949-99
Release Date: 09/10/1999
Substance Released: Unknown
Release Status: Closed
Release Closed Date: 02/01/2000

UST:

Facility ID: 00014130
Facility Type: CLOSED
Owner Name: COMMERCIAL STEEL TREATING CORP
Owner Address: 31440 STEPHENSON HWY
Owner City,St,Zip: MADISON HTS, MI 48071-1621
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (248) 588-3300
Contact: MARK HOENSHEID
Contact Phone: (248) 588-3300
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
Latitude: 42.52308
Longitude: -83.11948

Tank ID: 1
Tank Status: **Closed in Ground**
Capacity: 20000
Product: Hazardous Substance
Install Date: 05/08/1982
Remove Date: 04/12/1999
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Galvanized Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 2
Tank Status: **Removed from Ground**
Capacity: 20000
Product: QUENCH OIL
Install Date: 05/08/1966
Remove Date: 06/25/1995
Tank Release Detection: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

COMMERCIAL STEEL TREATING CORP (Continued)

1000298053

Pipe Release Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

Tank ID: 3
Tank Status: Removed from Ground
Capacity: 1000
Product: Used Oil
Install Date: 05/08/1966
Remove Date: 12/20/1990
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

27
NE
1/4-1/2
0.456 mi.
2409 ft.

GOODYEAR TIRE CENTER
361 W FOURTEEN MILE RD
MADISON HEIGHTS, MI 48071

LUST **U000262590**
UST **N/A**

Relative:
Lower

LUST:
Facility ID: 00021770
Source: STATE OF MICHIGAN
Owner Name: Goodyear Tire Ctr
Owner Address: 361 W FOURTEEN MILE RD
Owner City,St,Zip: Madison Heights, MI 48071
Owner Contact: Not reported
Owner Phone: (313) 588-4030
Country: USA
District: SE Michigan District Office
Site Name: Goodyear Tire Center
Latitude: 42.53393
Longitude: -83.11012
Date of Collection: 01/11/2001
Method of Collection: Address Matching-House Number
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Data: NAD83
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)

Actual:
637 ft.

Leak Number: C-0629-93
Release Date: 05/21/1993
Substance Released: Used Oil
Release Status: Closed
Release Closed Date: 06/27/1996

UST:
Facility ID: 00021770
Facility Type: CLOSED
Owner Name: GOODYEAR TIRE CTR
Owner Address: 361 W FOURTEEN MILE RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOODYEAR TIRE CENTER (Continued)

U000262590

Owner City,St,Zip: MADISON HEIGHTS, MI 48071
Owner Country: USA
Owner Contact: Not reported
Owner Phone: (313) 588-4030
Contact: DENNY MCEVOY
Contact Phone: (313) 588-4930
Date of Collection: 01/11/2001
Accuracy: 100
Accuracy Value Unit: FEET
Horizontal Datum: NAD83
Source: STATE OF MICHIGAN
Point Line Area: POINT
Desc Category: Plant Entrance (Freight)
Method of Collection: Address Matching-House Number
Latitude: 42.53393
Longitude: -83.11012

Tank ID: 1
Tank Status: **Removed from Ground**
Capacity: 250
Product: Used Oil
Install Date: 04/15/1972
Remove Date: 05/21/1993
Tank Release Detection: Not reported
Pipe Release Detection: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Construction Material: Asphalt Coated or Bare Steel
Impressed Device: No

28
NNW
1/4-1/2
0.460 mi.
2427 ft.

WELLS FARGO BANK, NA PROPERTY
350 STEPHENSON HIGHWAY
TROY, MI 48083

BEA S108084500
N/A

Relative:
Higher

BEA:
Secondary Address: Not reported
BEA Number: 3682
District: Southeast MI
Date Received: 10/08/2007
Submitter Name: Kostal of America, Inc.
Petition Determination: No Request
Petition Disclosure: 0
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: mathewsb
Division Assigned: Environmental Response Division

Actual:
644 ft.

Secondary Address: Not reported
BEA Number: 3276
District: Southeast MI
Date Received: 09/01/2006
Submitter Name: Wells Fargo Bank, NA
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: No Request

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WELLS FARGO BANK, NA PROPERTY (Continued)

S108084500

Reviewer: barrowsg
Division Assigned: Environmental Response Division

29
SSW
1/2-1
0.591 mi.
3118 ft.

GE CAPITAL SMALL BUSINESS FINANCE CORP
31211 STEPHENSON HWY
MADISON HEIGHTS, MI 48071

SHWS **S105541991**
BEA **N/A**
WDS

Relative:
Higher

SHWS:
Facility ID: 63005208
Facility Status: Evaluation conducted
Source: Metal Working Machinery
SAM Score: 30
SAM Score Date: 01/27/2010
Township: 01N
Range: 11E
Section: 2
Quarter: SW
Quarter/Quarter: SW
Pollutants: As; VC; cis-1,2 DCE

Actual:
640 ft.

BEA:
Secondary Address: Not reported
BEA Number: 2479
District: Southeast MI
Date Received: 08/04/2004
Submitter Name: KP Stephenson, LLC
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: mathewsb
Division Assigned: Environmental Response Division

Secondary Address: Not reported
BEA Number: 1713
District: Southeast MI
Date Received: 06/10/2002
Submitter Name: GE Capital Small Business Finance
Petition Determination: Affirmed
Petition Disclosure: 1
Category: No Hazardous Substance(s)
Determination 20107A: Denied
Reviewer: labrecqd
Division Assigned: Environmental Response Division

WDS:
Site Id: MIK752239467
WMD Id: 474281
Site Specific Name: P C PARTNERS
Mailing Address: 635 MARYVILLE
Mailing City/State/Zip: 63141
Mailing County: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

30
East
1/2-1
0.784 mi.
4141 ft.

GENERAL MOTORS LLC
32661 EDWARD AVE
MADISON HEIGHTS, MI 48071

CORRACTS 1000368866
RCRA-CESQG MID083430348

Relative:
Lower

CORRACTS:

Actual:
633 ft.

EPA ID: MID083430348
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19920604
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): 541512
Computer Systems Design Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID083430348
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19920604
Action: CA225NR - Stabilization Measures Evaluation, This facility is, not amenable to stabilization activity at the, present time for reasons other than (1) it appears to be technically, infeasible or inappropriate (NF) or (2) there is a lack of technical, information (IN). Reasons for this conclusion may be the status of, closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other, administrative considerations
NAICS Code(s): 541512
Computer Systems Design Services
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: MID083430348
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19911230
Action: CA050 - RFA Completed
NAICS Code(s): 541512
Computer Systems Design Services
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-CESQG:

Date form received by agency: 05/17/2012
Facility name: GENERAL MOTORS LLC
Facility address: 32661 EDWARD AVE
MADISON HEIGHTS, MI 48071
EPA ID: MID083430348
Mailing address: 30009 VAN DYKE RD
MAIL CODE: 480-206-1E0
WARREN, MI 48090
Contact: SUE A WALDROP
Contact address: Not reported
Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS LLC (Continued)

1000368866

Contact country: Not reported
Contact telephone: (248) 514-5289
Contact email: SUE.A.WALDROP@GM.COM
EPA Region: 05
Classification: Conditionally Exempt Small Quantity Generator
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: S A CHALLENGER INC
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 06/01/2010
Owner/Op end date: Not reported

Owner/operator name: GENERAL MOTORS LLC (NETWORK ENGINEERING)
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 07/10/2009
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GENERAL MOTORS LLC (Continued)

1000368866

Used oil transporter: No

Historical Generators:

Date form received by agency: 11/17/1980
Facility name: GENERAL MOTORS LLC
Site name: SPERRY VICKERS
Classification: Not a generator, verified

Date form received by agency: 08/18/1980
Facility name: GENERAL MOTORS LLC
Site name: SPERRY VICKERS
Classification: Not a generator, verified

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Corrective Action Summary:

Event date: 12/30/1991
Event: RFA Completed

Event date: 06/04/1992
Event: Stabilization Measures Evaluation, This facility is not amenable to stabilization activity at the present time for reasons other than 1- it appears to be technically infeasible or inappropriate (NF) or 2- there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.

Event date: 06/04/1992
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.

Violation Status: No violations found

31
NE
1/2-1
0.936 mi.
4940 ft.

GRAND HAVEN STAMPING
307 ROBBINS DR
TROY, MI 48083

DEL SHWS S107701771
WDS N/A

Relative:
Lower

DELETED HWS:
Facility ID: 63005117
Status: Delisted - no longer meets criteria specified in rules

Actual:
634 ft.

WDS:
Site Id: MID000722397
WMD Id: 392610
Site Specific Name: KDS CONTROLS
Mailing Address: 307 ROBBINS DR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GRAND HAVEN STAMPING (Continued)

S107701771

Mailing City/State/Zip: 48083
Mailing County: OAKLAND

Count: 13 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
CLAWSON	U003323843	CONSOLIDATED UNIT #2318	19 S CROOKS & 14 MILE	45501	LUST, UST, WDS
MADISON HEIGHTS	1008881073	MI DEPT/TRANSPORTATION	I 696 RAMP AF AND EF OV N SERV	48071	RCRA-CESQG
MADISON HEIGHTS	1008403354	MI DEPT/TRANSPORTATION	I 75 FROM 8 MILE TO 12 MILE RD	48071	RCRA NonGen / NLR
MADISON HEIGHTS	1001817497	MI DEPT/TRANSPORTATION	I 75 AT RED RUN DRAIN	48071	RCRA NonGen / NLR
MADISON HEIGHTS	1001488129	MI DEPT/TRANSPORTATION	I 75 UNDER 12 MILE PED WALK	48071	RCRA NonGen / NLR
MADISON HEIGHTS	S105144546	SOCRRA JOHN R AND 12 MILE	29470 JOHN R AT 12 MILE		SHWS
MADISON HEIGHTS	1007097993	AMERICAN PAPER CO	649 MANDOLINE RD	48071	RCRA NonGen / NLR
MADISON HEIGHTS	1008403615	MI DEPT/TRANSPORTATION	8 MILE TO 12 MILE I 75	48071	RCRA NonGen / NLR
ROYAL OAK	S109029721	HOWARD GAS AND OIL	26461 DEQUINDER	48071	SHWS
ROYAL OAK	S109847313	ROYALTY CLEANERS (FORMER)	2400 FOURTEEN MILE ROAD	48073	SHWS, BEA
ROYAL OAK	U004181471	MARATHON UNIT #1711	STEPHENSON & 4TH	48071	UST
TROY	1004725794	MI DEPT/TRANSPORTATION	I 75 OVER ADAMS RD	48083	RCRA NonGen / NLR
TROY	1000772321	MI DEPT/TRANSPORTATION	I 75 UNDER 14 MILE RD	48083	RCRA NonGen / NLR

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 04/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 04/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: N/A
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 04/08/2014
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 02/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/09/2014
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/31/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/08/2013	Telephone: 703-603-8704
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 04/11/2014
Number of Days to Update: 151	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 11/11/2013	Telephone: 703-412-9810
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 02/28/2014
Number of Days to Update: 94	Next Scheduled EDR Contact: 06/09/2014
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2014	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 03/10/2014
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/14/2014	Telephone: 703-603-0695
Date Made Active in Reports: 01/28/2014	Last EDR Contact: 03/10/2014
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/26/2014	Source: Department of the Navy
Date Data Arrived at EDR: 02/28/2014	Telephone: 843-820-7326
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 05/19/2014
Number of Days to Update: 55	Next Scheduled EDR Contact: 09/01/2014
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/30/2013	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/01/2013	Telephone: 202-267-2180
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 04/04/2014
Number of Days to Update: 66	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: Contaminated Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 10/01/2013	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 10/31/2013	Telephone: 517-373-9541
Date Made Active in Reports: 11/20/2013	Last EDR Contact: 04/28/2014
Number of Days to Update: 20	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Solid Waste Facilities Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 03/31/2014
Date Data Arrived at EDR: 04/01/2014
Date Made Active in Reports: 05/05/2014
Number of Days to Update: 34

Source: Dept of Environmental Quality
Telephone: 517-335-4035
Last EDR Contact: 04/01/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Semi-Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 02/01/2014
Date Data Arrived at EDR: 02/19/2014
Date Made Active in Reports: 03/26/2014
Number of Days to Update: 35

Source: Dept of Environmental Quality
Telephone: 517-373-9837
Last EDR Contact: 05/21/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Annually

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/06/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 29

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/20/2014
Date Data Arrived at EDR: 02/21/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 62

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011	Source: EPA Region 6
Date Data Arrived at EDR: 09/13/2011	Telephone: 214-665-6597
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 02/21/2014
Number of Days to Update: 59	Next Scheduled EDR Contact: 05/12/2014
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/21/2013	Source: EPA Region 4
Date Data Arrived at EDR: 11/26/2013	Telephone: 404-562-8677
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 04/22/2014
Number of Days to Update: 90	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013	Source: EPA Region 1
Date Data Arrived at EDR: 05/01/2013	Telephone: 617-918-1313
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 05/02/2014
Number of Days to Update: 184	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 02/13/2014	Source: EPA, Region 5
Date Data Arrived at EDR: 02/14/2014	Telephone: 312-886-7439
Date Made Active in Reports: 02/24/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

State and tribal registered storage tank lists

UST: Underground Storage Tank Facility List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 02/01/2014	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 02/19/2014	Telephone: 517-335-4035
Date Made Active in Reports: 03/26/2014	Last EDR Contact: 05/21/2014
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2014
	Data Release Frequency: Annually

UST 2: Underground Storage Tank Listing

A listing of underground storage tank site locations that have unknown owner information.

Date of Government Version: 02/27/2014	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 02/28/2014	Telephone: 517-335-7211
Date Made Active in Reports: 03/27/2014	Last EDR Contact: 04/21/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 08/04/2014
	Data Release Frequency: Annually

AST: Aboveground Tanks

Registered Aboveground Storage Tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/14/2014
Date Data Arrived at EDR: 02/18/2014
Date Made Active in Reports: 03/28/2014
Number of Days to Update: 38

Source: Dept of Environmental Quality
Telephone: 517-373-8168
Last EDR Contact: 05/19/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: No Update Planned

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 02/20/2014
Date Data Arrived at EDR: 02/21/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 62

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 01/29/2014
Date Data Arrived at EDR: 01/29/2014
Date Made Active in Reports: 03/12/2014
Number of Days to Update: 42

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/27/2014
Next Scheduled EDR Contact: 05/12/2014
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/13/2014
Date Data Arrived at EDR: 02/14/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 10

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations).

Date of Government Version: 11/21/2013
Date Data Arrived at EDR: 11/26/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/22/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Semi-Annually

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 08/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 92

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/29/2013
Date Data Arrived at EDR: 07/30/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 129

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013
Date Data Arrived at EDR: 02/06/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 65

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 01/27/2014
Number of Days to Update: 271

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/02/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/15/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

AUL: Engineering and Institutional Controls

A listing of sites with institutional and/or engineering controls in place.

Date of Government Version: 03/04/2014
Date Data Arrived at EDR: 03/06/2014
Date Made Active in Reports: 03/27/2014
Number of Days to Update: 21

Source: Dept of Environmental Quality
Telephone: 517-373-4828
Last EDR Contact: 03/03/2014
Next Scheduled EDR Contact: 06/06/2014
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/17/2013
Date Data Arrived at EDR: 10/01/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 66

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 04/01/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Brownfields and USTfield Site Database

All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan.

Date of Government Version: 07/27/2012
Date Data Arrived at EDR: 07/31/2012
Date Made Active in Reports: 09/20/2012
Number of Days to Update: 51

Source: Dept of Environmental Quality
Telephone: 517-373-4805
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

BROWNFIELDS 2: Brownfields Building and Land Site Locations

A listing of brownfield building and land site locations. The listing is a collaborative effort of Michigan Economic Development Corporation, Michigan Economic Developers Association, Detroit Edison, Detroit Area Commercial Board of Realtors

Date of Government Version: 04/09/2007
Date Data Arrived at EDR: 04/10/2007
Date Made Active in Reports: 05/01/2007
Number of Days to Update: 21

Source: Economic Development Corporation
Telephone: 888-522-0103
Last EDR Contact: 03/03/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/20/2014
Date Data Arrived at EDR: 03/20/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/20/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST LF: Inactive Solid Waste Facilities

The database contains historical information and is no longer updated.

Date of Government Version: 03/01/1997
Date Data Arrived at EDR: 02/28/2003
Date Made Active in Reports: 03/06/2003
Number of Days to Update: 6

Source: Dept of Environmental Quality
Telephone: 517-335-4034
Last EDR Contact: 02/28/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 11/24/2009
Date Data Arrived at EDR: 09/30/2010
Date Made Active in Reports: 10/28/2010
Number of Days to Update: 28

Source: Dept of Environmental Quality
Telephone: 517-241-5719
Last EDR Contact: 05/02/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 05/02/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/04/2013
Date Data Arrived at EDR: 12/10/2013
Date Made Active in Reports: 02/13/2014
Number of Days to Update: 65

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/04/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Quarterly

DEL SHWS: Delisted List of Contaminated Sites

Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does not support its listing or the site no longer meets criteria specified in rules.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/01/2013
Date Made Active in Reports: 09/11/2013
Number of Days to Update: 41

Source: Dept of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 04/28/2014
Next Scheduled EDR Contact: 08/11/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations.

Date of Government Version: 10/20/2008

Date Data Arrived at EDR: 11/18/2008

Date Made Active in Reports: 11/21/2008

Number of Days to Update: 3

Source: Department of Community Health

Telephone: 517-373-3740

Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014

Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007

Date Data Arrived at EDR: 11/19/2008

Date Made Active in Reports: 03/30/2009

Number of Days to Update: 131

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 03/04/2014

Next Scheduled EDR Contact: 06/16/2014

Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/18/2014

Date Data Arrived at EDR: 03/18/2014

Date Made Active in Reports: 04/24/2014

Number of Days to Update: 37

Source: Environmental Protection Agency

Telephone: 202-564-6023

Last EDR Contact: 04/28/2014

Next Scheduled EDR Contact: 08/11/2014

Data Release Frequency: Varies

LIENS: Lien List

An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC * 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition

Date of Government Version: 01/24/2014

Date Data Arrived at EDR: 01/28/2014

Date Made Active in Reports: 03/26/2014

Number of Days to Update: 57

Source: Dept of Environmental Quality

Telephone: 517-241-7603

Last EDR Contact: 04/25/2014

Next Scheduled EDR Contact: 08/04/2014

Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2013

Date Data Arrived at EDR: 01/03/2014

Date Made Active in Reports: 02/24/2014

Number of Days to Update: 52

Source: U.S. Department of Transportation

Telephone: 202-366-4555

Last EDR Contact: 04/01/2014

Next Scheduled EDR Contact: 07/14/2014

Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PEAS: Pollution Emergency Alerting System

Environmental pollution emergencies reported to the Department of Environmental Quality such as tanker accidents, pipeline breaks, and release of reportable quantities of hazardous substances.

Date of Government Version: 04/10/2014
Date Data Arrived at EDR: 04/11/2014
Date Made Active in Reports: 05/05/2014
Number of Days to Update: 24

Source: Dept of Environmental Quality
Telephone: 517-373-8427
Last EDR Contact: 05/02/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Quarterly

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/11/2014
Date Data Arrived at EDR: 03/13/2014
Date Made Active in Reports: 04/09/2014
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 03/13/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/06/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 02/28/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 55

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 03/10/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 01/24/2014
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 31

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/27/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/11/2014
Next Scheduled EDR Contact: 06/23/2014
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/25/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 09/05/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 03/05/2014
Next Scheduled EDR Contact: 06/16/2014
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/26/2014
Next Scheduled EDR Contact: 06/09/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/28/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 05/22/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/22/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/08/2014
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 04/29/2014
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/09/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013	Source: EPA
Date Data Arrived at EDR: 07/17/2013	Telephone: 202-566-0500
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 04/18/2014
Number of Days to Update: 107	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/02/2013	Telephone: 301-415-7169
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 03/10/2014
Number of Days to Update: 91	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/09/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/10/2014	Telephone: 202-343-9775
Date Made Active in Reports: 03/12/2014	Last EDR Contact: 04/09/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/18/2013	Source: EPA
Date Data Arrived at EDR: 02/27/2014	Telephone: (312) 353-2000
Date Made Active in Reports: 03/12/2014	Last EDR Contact: 03/14/2014
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/01/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/12/2013	Telephone: 202-564-8600
Date Made Active in Reports: 02/13/2014	Last EDR Contact: 04/28/2014
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 02/28/2014
Number of Days to Update: 52	Next Scheduled EDR Contact: 06/09/2014
	Data Release Frequency: Biennially

UIC: Underground Injection Wells Database

A listing of underground injection well locations. The UIC Program is responsible for regulating the construction, operation, permitting, and closure of injection wells that place fluids underground for storage or disposal.

Date of Government Version: 11/18/2013	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 11/19/2013	Telephone: 517-241-1515
Date Made Active in Reports: 11/26/2013	Last EDR Contact: 04/18/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments

A listing of drycleaning facilities in Michigan.

Date of Government Version: 04/28/2014	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 04/29/2014	Telephone: 517-335-4586
Date Made Active in Reports: 05/14/2014	Last EDR Contact: 04/21/2014
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/04/2014
	Data Release Frequency: Annually

NPDES: List of Active NPDES Permits

General information regarding NPDES (National Pollutant Discharge Elimination System) permits and NPDES Storm Water permits.

Date of Government Version: 04/08/2014	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 04/09/2014	Telephone: 517-241-1300
Date Made Active in Reports: 05/06/2014	Last EDR Contact: 04/09/2014
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data

Permit and emissions inventory data.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 04/03/2014
Date Made Active in Reports: 05/05/2014
Number of Days to Update: 32

Source: Dept of Environmental Quality
Telephone: 517-373-7074
Last EDR Contact: 03/24/2014
Next Scheduled EDR Contact: 07/07/2014
Data Release Frequency: Varies

BEA: Baseline Environmental Assessment Database

A BEA is a document that new or prospective property owners/operations disclose to the DEQ identifying the property as a facility pursuant to Part 201 and Part 213. The Inventory of BEA Facilities overlaps in part with the Part 201 Projects facilities and Part 213 facilities. There may be more than one BEA for each facility.

Date of Government Version: 08/21/2013
Date Data Arrived at EDR: 08/23/2013
Date Made Active in Reports: 09/12/2013
Number of Days to Update: 20

Source: Dept of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 05/16/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: No Update Planned

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Varies

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 11/06/2013
Date Made Active in Reports: 12/06/2013
Number of Days to Update: 30

Source: EPA
Telephone: 202-564-5962
Last EDR Contact: 03/31/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Annually

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 01/05/2011
Date Data Arrived at EDR: 01/07/2011
Date Made Active in Reports: 02/14/2011
Number of Days to Update: 38

Source: Dept of Environmental Quality
Telephone: 517-335-4034
Last EDR Contact: 03/31/2014
Next Scheduled EDR Contact: 07/14/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 02/25/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/27/2014	Telephone: 202-566-1917
Date Made Active in Reports: 04/09/2014	Last EDR Contact: 05/16/2014
Number of Days to Update: 41	Next Scheduled EDR Contact: 09/01/2014
	Data Release Frequency: Quarterly

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 03/11/2014
Number of Days to Update: 77	Next Scheduled EDR Contact: 06/23/2014
	Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/13/2013	Telephone: 617-520-3000
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 05/16/2014
Number of Days to Update: 31	Next Scheduled EDR Contact: 08/25/2014
	Data Release Frequency: Quarterly

WDS: Waste Data System

The Waste Data System (WDS) tracks activities at facilities regulated by the Solid Waste, Scrap Tire, Hazardous Waste, and Liquid Industrial Waste programs.

Date of Government Version: 03/04/2014	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 03/06/2014	Telephone: 517-284-6562
Date Made Active in Reports: 03/27/2014	Last EDR Contact: 05/27/2014
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/08/2014
	Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 04/07/2014	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 04/11/2014	Telephone: 517-335-6610
Date Made Active in Reports: 05/06/2014	Last EDR Contact: 04/07/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Sites

Coal fired power plants in Southeast Michigan that have coal ash handling on site.

Date of Government Version: 07/12/2013	Source: Dept of Environmental Quality
Date Data Arrived at EDR: 07/12/2013	Telephone: 586-753-3754
Date Made Active in Reports: 08/01/2013	Last EDR Contact: 04/07/2014
Number of Days to Update: 20	Next Scheduled EDR Contact: 07/21/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 05/02/2014
Number of Days to Update: 83	Next Scheduled EDR Contact: 08/11/2014
	Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 05/16/2014
Number of Days to Update: 7	Next Scheduled EDR Contact: 08/25/2014
	Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 04/18/2014
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/28/2014
	Data Release Frequency: Varies

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/23/2013	Source: EPA
Date Data Arrived at EDR: 11/06/2013	Telephone: 202-564-5962
Date Made Active in Reports: 12/06/2013	Last EDR Contact: 03/31/2014
Number of Days to Update: 30	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Annually

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013	Source: EPA
Date Data Arrived at EDR: 07/03/2013	Telephone: 202-564-6023
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 04/04/2014
Number of Days to Update: 72	Next Scheduled EDR Contact: 07/14/2014
	Data Release Frequency: Quarterly

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013

Date Data Arrived at EDR: 02/14/2013

Date Made Active in Reports: 02/27/2013

Number of Days to Update: 13

Source: Environmental Protection Agency

Telephone: 703-603-8787

Last EDR Contact: 04/04/2014

Next Scheduled EDR Contact: 07/21/2014

Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005

Date Data Arrived at EDR: 02/06/2006

Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey

Telephone: 888-275-8747

Last EDR Contact: 04/18/2014

Next Scheduled EDR Contact: 07/28/2014

Data Release Frequency: N/A

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/24/2013
Number of Days to Update: 176

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Michigan.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/23/2014
Next Scheduled EDR Contact: 09/01/2014
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/18/2014
Next Scheduled EDR Contact: 07/28/2014
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 02/28/2014
Date Data Arrived at EDR: 03/12/2014
Date Made Active in Reports: 04/29/2014
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/07/2014
Next Scheduled EDR Contact: 08/18/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/21/2014
Next Scheduled EDR Contact: 08/04/2014
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/27/2014
Next Scheduled EDR Contact: 09/08/2014
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 08/09/2013
Date Made Active in Reports: 09/27/2013
Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/17/2014
Next Scheduled EDR Contact: 06/30/2014
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers, Group & Family Homes

Source: Bureau of REgulatory Services

Telephone: 517-373-8300

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 517-241-2254

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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WRITTEN REQUESTS FOR FILE REVIEWS
AND WRITTEN RESPONSES



Lansing
3340 Ranger Road
Lansing, MI 48906
f: 877-884-6775
t: 517-321-3331

Detroit
4080 W. 11 Mile Rd
Berkley, MI 48072
f: 877-884-6775
t: 248-336-9988

Grand Rapids
820 Monroe Avenue, NW
Suite 433
Grand Rapids, MI 49503
f: 877-884-6775
t: 616-285-8857

ISO 9001 REGISTERED

VIA EMAIL: DEQFOIA@michigan.gov

Requested By: esmith@pmenv.com

Reviewed By: Kozlowski@pmenv.com

May 28, 2014

Susan Vorce, FOIA Coordinator
Office of Environmental Assistance
Department of Environmental Quality

FOIA Coordinator:

Please accept this Freedom of Information Act request for file information for the following sites located in **Oakland County**:

RRD Records Maintained in the SEMI District Office Only:

- Maschmeyer Concrete Co.; 32400 Mally Dr (Formerly 32401 Stephenson), Madison Heights (FID: 00016938)

OWMRP Records Maintained in the SEMI District Office Only:

- Henkel Corporation; 32100 Stephenson Hwy, Madison Heights (EPA ID: MID057676124)
- Gould Inc.; 32305 Mally Dr, Madison Heights (EPA ID: MID088334487)
- Besco Graphics Systems Corp.; 32275 Mally Dr, Madison Heights (EPA ID: MID11522057)

I would like to review the files at the SEMI District office before copies are made.

Please contact me at 248-414-1423 if you have any questions or concerns. Thank you.

Sincerely,

PM Environmental, Inc.

A handwritten signature in black ink that reads "Alex J. Kozlowski".

Alex Kozlowski
Assistant Research Manager
4080 West Eleven Mile Rd
Berkley, MI 48072
PME Project Number: 02-7433-0 KG 6-18-14



Lansing
3340 Ranger Road
Lansing, MI 48906
f: 877-884-6775
t: 517-321-3331

Detroit
4080 W. 11 Mile Rd
Berkley, MI 48072
f: 877-884-6775
t: 248-336-9988

Grand Rapids
820 Monroe Avenue, NW
Suite 433
Grand Rapids, MI 49503
f: 877-884-6775
t: 616-285-8857

ISO 9001 REGISTERED

VIA EMAIL: LUCASJ@michigan.gov

Cc: Kozlowski@pmenv.com

May 28, 2014

Jim Lucas, FOIA Coordinator
Fire Services, Aboveground/Underground Storage Tanks
Department of Licensing and Regulatory Affairs

Jim Lucas:

Please accept this Freedom of Information Act request for file information for the following sites located in **Oakland County**:

- Maschmeyer Concrete Co.; 32400 Mally Dr (Formerly 32401 Stephenson), Madison Heights (FID: 00016938)
- Henkel Corp. Parker & Amchem; 32100 Stephenson, Madison Heights (FID: 00012756)

Please email available file information to Kozlowski@pmenv.com.

Please contact me at 248-414-1423 if you have any questions or concerns. Thank you.

Sincerely,

PM Environmental, Inc.

A handwritten signature in black ink that reads "Alex J. Kozlowski".

Alex Kozlowski
Assistant Research Manager
4080 West Eleven Mile Rd
Berkley, MI 48072
PME Project Number: 02-7433-0 KG 6-18-14

Appendix E

PM PROFESSIONAL RESUMES



1.800.313.2966
www.pmenv.com
gable@pmenv.com

Education

- Oakland University B.S. Environmental Science
- Specialization: Environment and Resource Management

Certifications

- Certified Asbestos Building Inspector Accreditation #A39706
- Successfully completed EDR Environmental Due Diligence 101 Course

KRISTIN GABLE

REGIONAL MANAGER - DUE DILIGENCE GROUP

Ms. Gable is the Regional Manager of Due Diligence at PM Environmental, Inc. and has served clients in over 13 States. She specializes in Environmental Due Diligence including Phase I Environmental Site Assessments and customized environmental assessments to support all forms of real estate transactions. Ms. Gable has successfully managed due diligence services for several multi-state portfolios including a multi-property portfolio of asphalt-sealant manufacturing facilities. She has managed thousands of environmental due diligence projects, and her recent focus includes serving industrial and petroleum industry clients.

Areas of expertise

- Coordination and management of regional due diligence group.
- Staff Researcher for Phase I Environmental Site Assessments (ESAs).
- Data collection, site investigation, and preparation of Phase I ESA projects.
- Data collection, site investigation, and preparation of Transaction Screen projects.
- Experience in implementation and completion of various site assessment standards and professional protocol and commercial lending requirements (ASTM E-1527, ASTM E-1528).
- Peer Technical Review of Phase I ESA Projects using ASTM Standard 1527.



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feeny@pmenv.com

Education

- Central Michigan University B.S. Environmental Studies
- Specialization: Environmental Policy and Public Administration

Certifications

- Successfully completed EDR Environmental Due Diligence 101 Course

RYAN FEENY

STAFF CONSULTANT

Areas of expertise

- Staff researcher for Phase I Environmental Site Assessments (ESAs).
- Data collection, site investigation, and preparation of Phase I ESAs.
- Collection and evaluation of data for Transaction Screens, Phase I Reports, and preparation of reports.
- Experience in implementation and completion of various site assessment standards and profession protocol and commercial lending requirements (ASTM E-1527).



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kruszewski@pmenv.com

Education

- Michigan State University
B.S. Geology

Registration

Professional Geologist

- State of Indiana

Certified UST Professional

- State of Michigan

Certifications

- OSHA 1910.120 Hazardous Waste Training
- American Red Cross Standard First Aid and Adult CPR
- Meets the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312

Professional Activities

- Michigan Association of Environmental Professionals
- Environmental Bankers Association

KEVIN M. KRUSZEWSKI, P.G., Q.C.

SENIOR ENVIRONMENTAL RISK MANAGER

Mr. Kruszewski is a Vice President of Environmental Risk Management at PM Environmental, Inc. and has served clients in over 48 states since 1988. He specializes in Phase I and Phase II Environmental Site Assessments (ESAs), Baseline Environmental Assessments (BEAs), and Due Care Plans, Underground Storage Tank (UST) Closures, and Lender Risk Management. Mr. Kruszewski has been involved in thousands of transactions, including typical Environmental Due Diligence for purchase and refinance transactions, and participations and foreclosures. His recent focus includes serving financial clients based in the Midwest with investment interests across the country.

Areas of expertise

- Real estate portfolio analysis for evaluation of environmental risk associated with single and multi property transactions for the lending industry.
- Collateral and exposure analysis for over 3,000 real estate transactions, including single and multi commercial, industrial, and multi state properties.
- Management of environmental due diligence associates with foreclosed properties.
- Peer/Senior Technical Review for Baseline Environmental Assessment (BEA) Projects.
- Peer/Senior Technical review for Due Care Analysis for BEAs in accordance with the Natural Resources and Environmental Protection Act, P.A. 451 of 1994, Parts 201 and 213
- Peer/Senior Technical review of Phase I, Phase II, Phase III Environmental Site Assessment Projects.
- Peer/Senior Technical review for Leaking Underground Storage Tank (LUST) Projects, including risk evaluation for the lending industry.
- Technical review of land use based Corrective Action Plans.
- Local, State, and Federal Regulatory Acts.
- Technical Review of feasibility studies for the remediation of soil and groundwater.
- Technical Review of generic and site-specific risk assessments.
- On-site management of the containment and recovery of dense non-aqueous phase liquids (DNAPLs).

Appendix F

COMMON ACRONYMS AND TERMINOLOGY USED IN THE COURSE OF THIS PHASE I ESA

The following is a list of common acronyms:

All Appropriate Inquiry	AAI
Asbestos Containing Materials	ACM
Aboveground Storage Tank	AST
American Society for Testing Materials	ASTM
Approximate Minimum Search Distance	ASMD
Comprehensive Environmental Response, Compensation and Liability Act	CERCLA
Environmental Data Resources	EDR
Environmental Site Assessment	ESA
Federal Emergency Response Notification System	ERNS
Large Quantity Generator	LQG
Leaking Underground Storage Tank	LUST
National Priority List	NPL
No Further Remedial Action Planned	NFRAP
PM Environmental, Inc.	PME
Polychlorinated Biphenyls	PCBs
Resource Conservation and Recovery Act	RCRA
Small Quantity Generator	SQG
Treatment Storage and Disposal Facility	TSD
Underground Storage Tank	UST
United States Environmental Protection Agency	USEPA

TERMINOLOGY

The following provides definitions and descriptions of certain terms that may be used in this report. Several terms are defined by ASTM Standard Practice E 1527. The Standard Practice should be referenced for further detail (such as the precise wording), related definitions, or additional explanation regarding the meaning of terms.

Asbestos containing material (ACM): Any material found to contain greater than 1% asbestos using an analytical method that is approved by the USEPA for asbestos analysis.

De minimis conditions: Conditions that generally do not present a material risk or harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

Friable material: Defined in the National Emission Standards for Hazardous Air Pollutants (NESHAP) as a material that can be pulverized or reduced to dust using hand pressure only.

General risk of enforcement action: The likelihood that an environmental condition would be subject to enforcement action if brought to the attention of appropriate

governmental agencies. If the circumstances suggest an enforcement action would be more likely than not, then the condition is considered a general risk of enforcement action.

Historical recognized environmental condition (HREC): Environmental condition which in the past would have been considered a recognized environmental condition, but which may or may not be considered a recognized environmental condition currently. The final decision rests with the environmental professional and will be influenced by the current impact of the historical recognized environmental condition on the subject property. If a past release of any hazardous substances or petroleum products has occurred in connection with the subject property, with such remediation accepted by the responsible regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent), this condition shall be considered a historical recognized environmental condition.

Non-friable material: Defined by National Emission Standards for Hazardous Air Pollutants (NESHAP) as a material that cannot be pulverized or reduced to dust using hand pressure only. According to NESHAP, non-friable building materials include those in Category I (packings, gaskets, resilient floor coverings/adhesives, and asphalt roofing materials) and those in Category II (all other materials).

Recognized environmental condition (REC): The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the subject property or into the ground, ground water, or surface water of the subject property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

Subject property: The area that is the focus of a Phase I Environmental Site Assessment. The boundaries are not necessarily consistent with recorded legal descriptions of real estate, and are defined by the User.

Suspect ACM of concern: Defined as “(I) all friable suspect ACMs (II) any non-friable suspect ACMs expected to be disturbed by renovation or demolition activities planned for the subject property.”

General Scope of Services for Phase I ESA

The purpose of the Phase I ESA is to gather sufficient information to develop an independent professional opinion about the environmental condition of the subject property. The ESA will be conducted in an attempt to satisfy the ASTM Standard (E-1527-13) and the U.S. EPA Standards and Practices for All Appropriate Inquiry as defined in the Small Business Liability Relief and Brownfields Revitalization Act. The Phase I ESA will encompass the following scope of work:

Records Review

- Federal and State database search for sites within the ASTM approximate minimum search distances.
- Review of one or more additional state environmental record sources (e.g., fire department, health department, published local or state site contamination lists, etc.). PM is typically exhaustive in inquiry with these resources.
- Utilization of as many of the ASTM standard historical sources as necessary and as reasonably ascertainable and likely to be useful to document all obvious uses of the subject property from the present, back to the subject property's first developed usage (agricultural or the placement of fill) or 1940, whichever is earlier (e.g., aerial photographs, fire insurance maps, topographic maps, street directories, building record and other sources including knowledgeable interviewees). PM is typically exhaustive in usage of these resources to document subject property historical usages. **Chain of title is not typically consulted by PM unless all other standard and historical sources cannot adequately document subject property usages or if required by a lender. A separate fee to the lump sum quoted will be assessed for obtainment of chain of title.**
- A records review in accordance with the requirements for a Vapor Intrusion Assessment per ASTM E-2600-08 is not included in this scope of work.

Site Reconnaissance

- The objective of the site reconnaissance is to obtain information regarding the likelihood of recognized environmental conditions in connection with the subject property.
- The exterior of the subject property and any structures, as well as, pathways, roads, etc., will be visually and physically observed.
- The interior of the structures on the subject property will be visually and physically observed. This includes all common areas, maintenance and repair rooms, boiler rooms and representative number of occupant spaces. Observations under floors, above ceilings or behind walls are not required unless specified by requirements other than the ASTM standard.
- PM will evaluate non-ASTM scope issues with a visual inspection, and comment on asbestos containing building materials, lead based paint, and water intrusion associated with mold. Sampling is not included within this scope of work, but can be completed under a separate proposal.
- Current and past uses of the subject property and adjoining properties, and general uses of surrounding properties, to the extent visually and physically observed will be recorded. Emphasis is placed on subject property or adjoining property usages involving use, treatment, storage, disposal or generation of hazardous substances or petroleum products. These observations may include process details on raw material and waste management practices.
- General description of structures and improvements on the subject property (number and age of buildings, ancillary structures, utilities, storage tanks, hazardous substance and petroleum product usage, general chemical or raw material usage, heating and cooling, stains, solid waste, waste water, etc.).

Interviews with Owners and Occupants

- Interviews with owners, occupants, key site manager and user (person on behalf Phase I ESA conducted), typically with regard to information about current and historical uses, general site setting information, site specific documents, litigation, administrative orders, notices of violations with regard to environmental issues, etc.

Interviews with Local Government Officials

- A reasonable attempt will be made to interview at least one staff member of any of the following: the local fire department, the local agency or state agency having jurisdiction over environmental matters in the area in which the subject property is located, and/or the local health department. PM is typically exhaustive in its inquiry of these sources, unless professional experience has indicated the resource is not beneficial.

Evaluation and Report Preparation

- The report of the Phase I ESA findings will generally follow the ASTM format unless otherwise requested by the client or as outlined in any applicable lender requirements. The report will include documentation of sources, methodology, limitations, and credentials. *Liability/risk evaluations, recommendations for Phase II ESA testing and remediation techniques are not provided within the scope of an ASTM performed assessment.* Phase I ESA reports are kept in the strictest client confidence and are issued directly to the client. Issuance or reliance on the Phase I ESA report for purposes of making loan decisions by a private lender may be included in the Phase I ESA report if specified by the client.

USER'S CONTINUING OBLIGATIONS UNDER CERCLA

Conducting a Phase I ESA alone does not provide a landowner with protection against CERCLA liability. Landowners who want to maintain a bona fide Prospective Purchaser, an Innocent Landowner, or a Contiguous Property Owner Defense must also comply with other pre-acquisition and post-acquisition requirements in the CERCLA regulations and AAI standards. The responsibilities for each defense are summarized below.

Bona Fide Prospective Purchaser Responsibilities

The Bona Fide Prospective Purchaser defense is intended for individuals or entities purchasing a property known to be contaminated. To obtain and maintain the defense, the individual or entity seeking the defense must also satisfy the following requirements (AAI, Section II D.1.):

- Have acquired a property after all disposal activities involving hazardous substances ceased at the property;
- Provide all legally required notices with respect to the discovery or release of any hazardous substances at the property;
- Exercise appropriate care by taking reasonable steps to stop continuing releases, prevent any threatened future releases, and prevent or limit human, environmental, or natural resources exposure to any previously released hazardous substance;
- Provide full cooperation, assistance, and access to persons authorized to conduct response actions or natural resource restorations;
- Comply with land use restrictions established or relied on in connection with a response action;
- Not impede the effectiveness or integrity of any institutional controls;
- Comply with any CERCLA request for information or administrative subpoena; and
- Not be potentially liable, or affiliated with any other person who is potentially liable for response costs for addressing releases at the property.

Innocent Landowner Responsibilities

The Innocent Landowner Defense protects individuals or entities (ultimately the "property owner") purchasing a property that is not known to be contaminated. The property owner must also satisfy the following requirements to obtain and maintain the defense (AAI, Section II D.3 and CERCLA Section 107(b)(3)):

- Have no reason to know that any hazardous substance which is the subject of a release of threatened release was disposed of on, in, or at the facility;
- Provide full cooperation, assistance and access to persons authorized to conduct response actions at the property;
- Comply with any land use restrictions and not impeding the effectiveness or integrity of any institutional controls;

- Take reasonable steps to stop continuing releases, prevent any threatened release, and prevent or limit human, environmental, or natural resource exposure to any hazardous substances released on or from the landowner's property;
- Demonstrate that the act or omission that caused the release or threat of release of hazardous substances and the resulting damages were caused by the third party with whom the person does not have employment, agency, or contractual relationship;
- Exercise due care with respect to the hazardous substance concerned, taking into consideration the characteristics of such hazardous substance, in light of all relevant facts and circumstances;
- Take precautions against foreseeable acts or omissions of a third party and the consequences that could result from such acts or omissions.

Contiguous Property Owner Defense

The Contiguous Property Owner Defense protects individuals or entities purchasing a property that is not known to be contaminated, but could be contaminated by migration from a contiguous property owned by someone else. To qualify as a contiguous property owner, a landowner must have no knowledge of contamination prior to acquisition, or reason to know of contamination at the time of acquisition, have conducted AAI, and meet all of the criteria set forth in AAI Section II.D.2 and CERCLA Section 107(q)(1)(A), which include:

- Not cause, contribute, or consent to the release or threatened release;
- Not be potentially liable nor affiliated with any other person potentially liable for response costs at the property;
- Take reasonable steps to stop continuing releases, prevent any threatened release, and prevent or limit human, environmental, or natural resource exposure to any hazardous substances released on or from the landowner's property;
- Provide full cooperation, assistance, and access to persons authorized to conduct response actions or natural resource restorations;
- Comply with land use restrictions established or relied on in connection with a response action;
- Not impede the effectiveness or integrity of any institutional controls;
- Comply with any CERCLA request for information or administrative subpoena;
- Provide all legally required notices with respect to discovery or release of any hazardous substances at the property.

Persons who know, or have reason to know, that the property is or could be contaminated at the time of acquisition of a property cannot qualify for the liability protection as a contiguous property owner, but may be entitled to Bona Fide Prospective Purchaser status.